CONSTRUCTION NEWS

Engineering News-Record, June 11, 1925

Some of the Week's Large Projects

AMONG the announcements for the current week of proposals, bids desired and received and contracts awarded, are the following big jobs:

Proposed Work

Schools, Kansas City, Mo., plans three buildings and additions to two, $5,000,000.

Apartment, Los Angeles, Calif., A. C. Vaughan had preliminary plans prepared, $2,500,000.

Bridge, Kansas City, Mo., plans bond election for rein-con. bridge, $2,000,000.

Bridge, dredging and improvement on lake front, Cleveland, O., city plans general improvement, $2,000,000.

Sewer, Portland, Ore., plans intercepting sewer, sewage plant and harbor wall, $1,936,620.

County Building, Hartford, Conn., Comnrs. of Hartford Co. plan new county building, $1,500,000.

Cotton exchange, Dallas, Texas, R. L. Dixon plans building, $1,500,000.

Roads and bridges, Jacksonville, Fla., Duval Co. plans bond election, $1,500,000.

Office, Miami, Fla., Shoreland Co. plans office building, $1,000,000.

Hotel, Sarasota, Fla., Clas, Shepherd & Clas, archts., making preliminary plans, $1,000,000.

Bids Wanted On Big Jobs

Grain elevator June 17, Houston, Tex., J. S. Metcalf Co., Chicago, Ill., $1,000,000.

Apartment, San Antonio, Tex., Kelwood Co. soon takes bids, $1,000,000.

High School, June 29, York, Pa., Bd. of Educ. $1,000,000.

Temple, June 24, Philadelphia, Pa., H. W. Custor, archt. for Scottish Rite Consistory, $1,000,000.

Large Contracts Let During Week

Hotel, New York, N. Y., Lapidus Eng. Co., work done by separate contract, $5,000,000.

Home, Maplewood, N. J., Marcus Ward Home to Whitney Co., $2,000,000.

Bridge, Portland, Ore., Comrs. of Multnomah Co. to Booth & Pomeroy, Portland, $1,135,843; approaches and retaining wall to Lindstrom & Feigensen, Portland, $505,500.

Temple, New Orleans, La., total of separate contracts, $1,625,352.

Hospital, Baltimore, Md., Hebrews, Hospital and Asylum Assn. to M. A. Long Co., $1,000,000.

Sea wall, Gulfport, Miss., Bd. of Supvrs. of Harrison Co., 13 mi. of concrete sea wall along gulf coast to Wood Bros. Constr. Co., Lincoln, Nebr., $1,947,175.

PROPOSALS

For proposals Advertised see the pages immediately following the "Construction News" Section.

Bids Close		See Eng. News-Record
WATERWORKS		
June 15	Tuscaloosa, Ala.	May 21
June 15	Manchester, N. H.	June 4
June 15	Long Island City, N. Y.	June 11
June 15	New York, N. Y.	June 11
June 15	Fenton, Mich.	June 11
June 15	Diagonal, Ia.	June 11
June 17	Willard, N. Y. Adv. May 28 to June 11.	May 28
June 17	Raymond, Wash.	June 11
June 17	Cleveland, O.	June 11
June 17	Brooklyn, N. Y.	June 11
June 17	New York, N. Y.	June 11
June 17	Forest, Ont.	June 11
June 17	Baltimore, Md.	June 11
June 18	Mansfield, O.	June 4
June 18	Minneapolis, Minn.	June 11
June 22	Montgomery, Minn.	June 11
June 22	Detroit, Mich.	June 11
June 22	Crystal Beach, Ont.	June 11
June 24	Greenville, S. C. Adv. May 21 to June 11.	May 21
June 24	Minneapolis, Minn.	June 11
June 25	Marengo, Ill. Adv. June 4 and 11.	June 11
June 25	Medina, O.	June 4
June 29	Ronceverte, W. Va. Adv. June 11.	June 11
June 30	Macon, Ga.	June 4
July 1	Hartford, Conn. Adv. June 11.	June 11
July 1	Fairfield, Ill.	June 11
July 20	Oakland, Calif.	June 4
SEWERS		
June 15	New Castle, Pa.	May 28
June 15	Manchester, N. H. Adv. June 4 and 11.	June 4
June 15	Centerville, Ia.	June 4
June 15	Boston, Mass.	June 11
June 15	Euclid, O.	June 11
June 15	Watertown, Wis.	June 11
June 15	Highland Park (branch New Brunswick), N. J.	June 11
June 16	Boston, Mass.	June 11
June 16	New York, N. Y.	June 11
June 16	Salisbury, Md. Adv. May 14 to June 11.	May 14
June 16	Clewiston, Fla.	May 21
June 16	Wheaton, Ill.	May 28
June 16	Dickson, Tenn.	June 4
June 16	Centerville, Ia.	June 4
June 16	Knoxville, Tenn.	June 11
June 17	Cleveland, O.	June 11
June 17	Long Island City, N. Y.	June 11
June 18	Brighton (Ind. Sta. Rochester), N. Y. Adv. June 4 and 11.	June 4
June 19	Baltimore, Md.	June 4
June 22	Catonsville (Br. Baltimore), Md. Adv. June 4 and 11.	June 4
June 23	Tampa, Fla.	June 11
June 24	Woodridge, N. J. Adv. June 11.	June 11
June 24	Dedham, Mass.	June 11
June 25	Kansas City, Mo. Adv. June 4 and 11.	June 4
June 25	Medina, O.	June 4
June 26	Tampa, Fla.	June 11
June 30	Louisville, Ky. Adv. June 4 and 11.	June 4
June 30	Wallingford, Conn. Adv. June 11.	June 11
BRIDGES		
June 12	Boston, Mass.	June 11
June 15	New Jersey Adv. June 4 and 11.	June 4
June 15	Pismo (Pismo Beach P. O.), Calif.	June 4
June 15	Oklahoma	June 11
June 16	Louisiana	May 28
June 16	Minnesota	June 4
June 17	Alabama	May 21
June 22	California	June 4
June 22	New Jersey Adv. June 4 and 11.	June 4
June 23	Lake George, N. Y. Adv. June 11.	June 11
June 23	Washington	June 11
June 23	Illinois	June 11
June 24	Rhode Island Adv. June 11.	June 11
June 24	Aberdeen, Wash.	June 11
June 26	Bainbridge, Ga.	June 11
June 30	Tampa, Fla.	May 28
July 2	North Adams, Mass. Adv. June 11.	June 11
July 8	Alabama	June 4
DAM		
June 30	Ottawa, Ont.	June 11
EXCAVATION, DRAINAGE IRRIGATION, LEVEES		
June 15	Leesburg, Fla.	May 14
June 15	New York, N. Y.	June 11
July 7	Albany, N. Y. Adv. June 11.	June 11
STREETS AND ROADS		
June 14	Moundsville, W. Va.	May 28
June 15	Anderson, Ind.	May 28
June 15	Crestview, Fla.	May 28
June 15	Minneapolis, Minn.	May 28
June 15	California	June 4
June 15	New Jersey Adv. June 4 and 11.	June 4
June 15	Richmond, Tex.	June 4
June 15	Kirksville, Mo.	June 4
June 15	Akron, O.	June 4
June 15	Oklahoma	June 4
June 15	Drumright, Okla.	June 4
June 15	Yonkers, N. Y. Adv. June 11.	June 11
June 15	Michigan	June 11
June 15	Port Hope, Ont.	June 11
June 15	Alma, Neb.	June 11
June 15	Oklahoma	June 11
June 15	Waynesboro, Miss.	June 11
June 15	Muncie, Ind.	June 11
June 15	Toronto, Ont.	June 11
June 15	Royal Oak, Mich.	June 11
June 16	Northport, N. Y.	June 11
June 16	Hopewell, N. J.	June 11
June 16	Minnesota	June 4
June 16	Hudson, N. Y. Adv. June 4 and 11.	June 4
June 16	Cheswick, Pa.	June 4
June 16	New York, N. Y.	June 11
June 16	Newton, Kan.	June 11
June 17	Phila., Pa.	May 21
June 17	Belvidere, N. J. Adv. June 4 and 11.	June 4
June 17	Baltimore, Md.	June 11
June 17	Port Huron, Mich.	June 11
June 17	St. George, N. Y.	June 11
June 17	Brooklyn, N. Y.	June 11
June 18	Mansfield, O.	June 4
June 18	Louisiana	June 4
June 18	Charleston, S. C.	June 11
June 18	Michigan	June 11
June 18	Kewanee, Ill.	June 11
June 19	Clinton, Okla.	June 11
June 19	Farmington, Mo.	May 28
June 19	North Dakota	June 11
June 20	Lakewood (Cleveland P. O.), O.	June 11
June 22	Los Angeles, Calif.	June 11
June 22	New Jersey Adv. June 4 and 11.	June 4
June 22	California	June 4
June 22	Huntington, W. Va.	June 11
June 22	Stella, Neb.	June 11
June 23	Washington	June 11
June 23	Pennsylvania Adv. June 11.	June 11
June 23	Illinois	June 11
June 25	Corinth, Miss. Adv. June 11.	June 11
June 26	New York Adv. June 4 and 11.	June 4
June 26	Georgia	June 11
June 28	Cudahy, Wis.	June 4
June 29	Akron, O.	June 11
June 29	Texas	June 11
June 30	St. Louis, Mo.	June 4
July 1	Deland, Fla. Adv. June 4 and 11.	June 4

Bids Close		See Eng. News-Record
July 1	Delaware ..... Adv. June 11.	June 11
July 6	Fayetteville, W. Va.	June 11
July 8	Alabama	June 4

BUILDINGS—COMMERCIAL

June 13	McKeesport, Pa.	June 11
June 15	New York, N. Y.	June 4
June 15	Cleveland, O.	June 4
June 16	Newkirk, Okla.	May 28
June 16	Glen Gardner, N. J.	June 11
June 17	Marcy, N. Y.	May 28
June 17	Manchester, Conn.	June 4
June 17	Joliet, Ill.	June 11
June 19	New Brunswick, N. J.	June 11
June 20	Dayton, O.	June 4
June 23	Huntsville, Ala.	June 11
June 23	Woodbine, N. J.	June 11
June 24	Creedmoor (Jamaica P. O.), N. Y. ..... Adv. June 4 and 11.	June 4
June 24	Phila., Pa.	June 11
June 25	Dayton, O.	June 4
June 30	Olympia, Wash.	June 4
June 30	Rome, N. Y. ..... Adv. June 11.	June 11
June 30	Sonyea, N. Y. ..... Adv. June 11.	June 11
July 1	Kansas City, Mo.	June 11
July 1	Birmingham, Ala.	June 11
July 14	Phila., Pa.	Feb. 19
July 15	Brooklyn, N. Y.	May 21

BUILDINGS—EDUCATIONAL, RELIGIOUS

June 12	Phila., Pa.	June 11
June 16	Port Huron, Mich.	June 11
June 17	Baltimore, Md.	June 11
June 17	Los Angeles, Calif.	June 11
June 18	Eltingville (Sta. Staten Island), N. Y.	June 4
June 22	Longmont, Colo.	June 4
June 22	Raynham, Mass.	June 11
June 22	Cleveland Heights (Warrensville P. O.), O.	June 11
June 23	Johnston (mail Providence), R. I.	June 11
June 25	Eau Claire, Wis.	June 11
June 29	York, Pa.	June 11
June 30	Ellwood City, Pa.	June 11
June 30	Fergus Falls, Minn.	June 11
July 1	San Francisco, Calif.	May 28

FEDERAL GOVERNMENT WORK

June 15	Barge—Montgomery, Ala. ..... Adv. May 21 to June 11.	May 21
June 15	Road—Colorado	May 21
June 15	Road—Montana	May 28
June 15	Wall—San Juan, P. R.	June 11
June 16	Heating Plant—Mobile, Ala.	May 21
June 16	Electric Light Plant—Brunswick, Ga.	May 21
June 16	Fire Alarm System—Whipple Barracks, Ariz.	May 21
June 16	Cable, etc.—Whipple Barracks, Ariz.	May 21
June 16	Structures—Powell, Wyo.	May 28
June 17	Hospital and Quarters—New Orleans, La.	May 28
June 17	Heating System—New Orleans, La.	May 21
June 17	Paving, etc.—Brooklyn, N. Y. ..... Adv. June 4 and 11.	June 4
June 17	Water System—Wash., D. C.	June 4
June 17	Paving—Phila., Pa.	June 4
June 17	Remodeling—Phila., Pa.	June 4
June 17	Boilers—Parris Island, S. C. ..... Adv. June 4 and 11.	June 4
June 17	Garage—Lakehurst, N. J.	June 11
June 18	Quarters——Oceanport, N. J. ..... Adv. June 11.	June 11
June 18	Incinerator—New Orleans, La.	May 21
June 18	Pier—Rosebank, N. Y.	May 28
June 19	Remodeling—Norwich, Conn.	May 21
June 19	Pipe Line Dredge—Jacksonville, Fla. ..... Adv. June 4 and 11.	June 4
June 19	Road—New Mexico	June 11
June 19	Store—Hot Springs, Ark.	June 11
June 22	Storage Tanks—Pensacola, Fla.	June 11
June 22	Coal Bins—Quantico, Va.	June 11
June 22	Waterworks—Annapolis, Md. ..... Adv. June 11.	June 11
June 22	Post Office—Missoula, Mont.	May 28
June 22	Post Office—Holly Springs, Miss.	May 28
June 22	Power Plant Equipment—Parris Island, S. C. ..... Adv. June 4 and 11.	June 4
June 22	Dredging—Quantico, Va.	June 4
June 22	Trusses—Brooklyn, N. Y.	June 11
June 23	Sewers—Baltimore, Md.	May 28
June 23	Quarters—Memphis, Tenn.	May 28
June 24	Post Office, Paterson, N. J.	May 28
June 24	Post Office—Columbia, S. C. ..... Adv. June 11.	June 11
June 25	Post Office—New London, Conn.	May 28
June 25	Post Office—St. Petersburg, Fla.	May 28
June 26	Jetty—Nantucket, Miss. ..... Adv. May 28 and June 4.	June 4
June 30	Road—Ft. Bayard, N. M.	June 11
July 1	Remodeling—New York, N. Y.	June 4
July 2	Remodeling—Lynn, Mass.	June 4
July 3	Post Office—Lowell, Mass.	June 4
July 3	Dredging—Bridgeport, Conn. ..... Adv. June 4 and 11.	June 4
July 6	Remodeling—Saginaw, Mich.	June 11
July 7	Bridges, Florence, Ala. ..... Adv. May 21 to June 11.	May 28
July 7	Post Office—Clarksburg, W. Va. ..... Adv. June 11.	June 11
July 8	Post Office—Camden, Ark.	June 11
July 9	Remodeling—Providence, R. I.	June 4
July 10	Post Office—Franklin, Pa. ..... Adv. June 4 and 11.	June 11
July 20	Crane—Florence, Ala. ..... Adv. June 11.	June 11
July 29	Hospital—Canacao, P. I.	May 21

UNCLASSIFIED

June 12	Subway—New York, N. Y.	June 4
June 12	Stadium—Phila., Pa.	June 11
June 13	Lighthouse—Leamington, Ont.	June 4
June 15	Retaining Wall, etc.—Sanford, Fla.	June 4
June 16	Electrical and Refrigerating Equipment — New York, N. Y.	May 21
June 16	Pier—Burlington, Ont.	June 11
June 17	Grain Elevator—Houston, Tex.	June 11
June 17	Heating System—Geneva, N. Y.	May 21
June 17	Overhead Crossing—Inverness, Fla.	June 11
June 18	Grain Elevator—Houston, Tex.	June 4
June 19	Causeway—Dallas, Tex.	June 11
June 19	Subway — New York, N. Y.	June 11
June 24	Sanitary Work—Wingdale, N. Y. ..... Adv. June 4 and 11.	June 11
June 26	Breakwater—Long Beach, Calif.	June 4

MATERIALS

June 12	Roofing Materials, etc.—New York, N. Y.	June 4
June 12	Ties and Timber—New York, N. Y.	June 4
June 15	Asphaltic Oil, etc.—Trenton, N. J. ..... Adv. June 4 and 11.	June 4
June 15	Lime and Brick—Providence, R. I.	June 11
June 24	Drain Tile — Detroit, Mich.	June 11

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk or corresponding official.

Waterworks

PROPOSED WORK

Fla., New Smyrna—Plans extending and bettering water plant, and 5.5 mi. mains, etc., in various streets. W. C. Chowning, mayor.

Fla., St. Cloud—Voted $185,000 bonds extending water system. J. B. Collins, city clk.

Miss., Jackson — Voted $110,000 bonds for waterworks. P. A. O'Brien, City Hall, city engr. M. L. Culley, Jackson, consult. engr.

La., Augurs—Voted $37,500 bonds, mains and distributing system. C. D. Evans, 309 Levy Bldg., Shreveport, engr. Noted May 7.

O., Euclid—Takes bids in summer, mains in Maydale, Roberts, Kenison and Beckford Aves., East 215th 214th, 223rd, 224th, 225th and 226th Sts. $25,000. F. A. Pease Eng. Co., Marshall Bldg., Cleveland, engrs.

Mich., Iron Mountain—Election June 15, $150,000 bonds to complete filtration plant, extending mains, water pipe line Chapin mine to Lake Antoine, etc. F. W. Hartman, city engr.

Wis., Hillsboro — A. Webster, city clk., making plans waterworks. $60,000. H. E. French, Baraboo, engr. Noted May 21.

Wis., Manitowoc — A. H. Zander, city clk., making plans 36 in. intake extending into Lake Michigan, approximately 12 ft. deep. $70,000. F. L. Alter, City Hall, engr.

Minn., Duluth — Duluth Water & Light Dept. plans constructing concrete cover for West Duluth reservoir, $120,000; completing Arlington Ave. reservoir, $15,000; approximately 6 mi. water and gas mains, $168,285. D. A. Reed, mgr.

Neb., Greenwood — Takes bids about July 1, waterworks and distribution system. $24,000 bonds voted. Grant, Fulton & Letton, 525 South 13th St., Lincoln, engrs. Noted May 28.

Mo., De Soto—Election June 16 $28,500 bonds waterworks and distribution system.

Mo., Ironton — Election soon $40,000 bonds, waterworks and distribution system. J. P. Davis, Jefferson City, engr.

Mo., Republic—Making preliminary plans pumping equipment, tank on tower, distribution mains, etc. in various streets. $40,000. W. S. Merkle, 414 North 12th St., St. Louis, engr.

Mo., Senath—Making preliminary plans waterworks and distribution system. $35,000. B. O. Bennett, Caruthersville, engr.

Tex., Abilene—Soon takes bids filtration and purification plant. $150,000. O. K. Hobbs, city engr.

Tex., Brownwood — Plans enlarging old dam and constructing new one, impounding 15,000,000 cu.yd. water, $100,000 or more. Address City Engineer.

Tex., Comanche—Voted $50,000 additional bonds, for waterworks improvements. J. B. Hawley, Cotton Exch. Bldg., Ft. Worth, engr. Noted Apr. 16.

Tex., Naples — Election soon $45,000 bonds, for waterworks. E. L. Dalton, 319 Wilson Bldg., Dallas, engr.

Tex., San Antonio — State making plans new waterworks at Southwestern Insane Asylum, South Loop, incl. mains, well and pumping equipment, here. $30,000. Phelps & De Wees, Gunter Bldg., engrs. Noted Apr. 23.

Tex., Vernon—City, c/o H. Mason, mayor, takes bids about July 25, waterworks improvements, incl. sinking well, to develop supply of not less than 1 m.g. per day, pumps, etc. Former bids rejected. $30,000. Engineer not announced.

Okla., Ada — Making plans waterworks improvements. $75,000. Black & Veatch, Mutual Bldg., Kansas City, Mo., engrs.

Okla., Davenport—Election June 16, $33,000 bonds for new waterworks, incl. deep well, tank, motor driven pump, valves, hydrants, and 19,400 ft. 2- to 6-in. c.i. mains, etc. Gantt-Baker Co., 1116 West Main St., Oklahoma City, engrs.

Okla., Norman — Voted $100,000 bonds for waterworks extensions. F. Cobb, City Hall, engr. Noted May 14.

Okla., Purcell—Made preliminary plans new well, pump, and 500,000 gal. concrete reservoir. $15,000. G. F. Jones, Purcell, engr.

BIDS DESIRED

Conn., Hartford—July 1, by Bd. Water Comrs., Municipal Bldg., 9 m.g. covered filtered water reservoir and appurtenances. C. M. Saville, Pilgard Bldg., 1026 Main St., mgr. and ch. engr.; adv. E. N.-R. June 11.

N. Y., Brooklyn — June 17, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., mains in Glenwood Rd., Ridge Crest Terrace, Delamere, Elmore, Kenmore and Mansfield Places, DeKoven and Wellington Courts, Belmont, Homecrest, New York, Sheridan and 12th Aves., Avenues G, H, O, P, T, U and V, Crystal, Portal, 59th, 61st, 62nd, 63rd, 65th, 74th, 76th, East 7th, 12th, 14th, 16th, 17th, 18th, 19th, 22nd, 56th, 57th, 83rd, 84th and West 6th Sts., here.

N. Y., Long Island City — Jun 15, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, mains in Middleburg, 2nd and 15th Aves., here.

N. Y., New York — June 15, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., mains in Astor, Bronxwood, Dyre, and East Tremont Aves., etc., Bronx Boro.

N. Y., New York — June 15, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., mains in Cummings, West 134th and 187th Sts., etc., Manhattan Boro.

N. Y., New York — June 17, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., mains in Grand Concourse, Arlington, Barnes, Jerome, Ludlow, Park, Sheridan, Tryon, and Vielle Aves., Worthern, East 149th, 168th, 174th, 189th, 190th and West 176th Sts.

Md., Baltimore — June 17 (extended date), by Bd. Awards, superstructures of chemical, filter and shelter buildings, pump-

Waterworks (Continued)

ing station and garage, at Montebello Ave. filters, Harford Rd. and 33rd St. V. B. Siems, City Hall, water engr. Noted June 4.

W. Va., Ronceverte—June 29, by City, at office A. S. Woodhouse, city clk., waterworks improvements, incl. 500,000 gal. filter plant, etc. H. K. Bell, 418 Hernando Bldg., Lexington, Ky., engr.; adv. E. N.-R. June 11.

O., Cleveland—June 17, by Comrs. Cuyahoga Co., 3,700 lin.ft. 12 in. c.i. mains in Lee and Harvard Rds., to Miles Ave. To exceed $25,000. F. Williams, Court House, engr.

Mich., Detroit—June 22, by Dept. Purchase & Supplies, 710 Marquette Bldg., five hundred 6 in. Detroit Standard gate valves, and five hundred 6 in. double standard Detroit fire hydrants, for Bd. Water Commissioners.

Mich., Fenton — June 15, by F. A. Hagedorn, village clk., 4,475 ft. 4- to 6-in. watermains and 4,035 ft. 8- to 12-in. sewers in various streets. $25,000.

Ill., Fairfield—July 1, by City, A. Harlan, clk., for waterworks plant, incl. pumping equipment, distribution mains, and line from Little Wabash River to here. $150,000. G. Dunbar, 419 Chemical Bldg., St. Louis, Mo., engr.

Ill., Marengo—June 25, by City additions to waterworks. Randolph-Perkins Co., 1210 1st Natl. Bank Bldg., Chicago, engrs.; adv. E. N.-R. June 11.

Wis., Madison—City, W. Winckler, clk., taking bids 6 m.g. rein.-con., high service, resorvoir, 205 ft. diam. and 26 ft. high inside with concrete cover. $60,000. L. A. Smith, City Hall, engr.

Ia., Diagonal—June 15, by R. O. Bailey, city clk., 16,500 ft. 2- to 6-in. c.i. pipe, 50,000 gal. capacity tank on tower, 50 ft. deep well, pumping equipment, hydrants, valves, etc. $34,000. W. B. Rollins & Co., 521 Railway Exch. Bldg., Kansas City, Mo., engrs. Noted Apr. 30.

Minn., Minneapolis—June 18, by F. S. Gram, city purch. agt., 57 tons special castings for new filtration plant (now under construction). N. W. Elsberg, city engr.

Minn., Minneapolis—June 25 (extended date), by F. S. Gram, city purch. agt., 10 operating tables in filter operating gallery; three high and low centrifugal service pumps, also synchronous motors for high and low centrifugal pump drive, etc., at Fridley Pumping Station. Noted June 4.

Minn., Montgomery—June 22, by F. J. Busta, city clk., watermain extensions, incl. twenty 6 in. gate valves, 13,600 lin.ft. 6 in. c.i. mains, etc., in various streets. $15,000. Druar & Millinowski, 500 Globe Bldg., St. Paul, engrs.

Wash., Raymond — June 17, by G. LaVigne, city clk., 1,500 ft. 16 in. c.i. main through tunnel, incl. timbering and mucking, etc.

Ont., Crystal Beach—June 22, by P. F. Ryan, 37,590 ft. 4- to 12-in. c.i. mains in various streets. $40,000. E. H. Darling, 47 Home Bank Bldg., Hamilton, engr.

Ont., Forest—June 17, by W. J. English, town clk., 27,000 lin.ft. 4, 6, and 8 in. c.i. mains, etc. in various streets. $35,000. J. A. Bell & Son, Court House, St. Thomas, engrs.

BIDS RECEIVED

Pa., Phila. — Dept. Pub. Wks., Bureau Water, June 1, from Acme Machine Co., 316 North 17th St., Contr. 739, power, equipment for Queens Lane extension, Div. A $39,252, Div. B $14,427, Div. C $85,265, Div. D $74,105, Div. E $17,246, Div. F $112,324, Job Basis $340,904, Contr. 759, parts for low pressure fire hydrants $12,038; from Dravo-Doyle Co., Schaff Bldg., Div. C Contr. 739 $81,450; from J. R. Fox, Jr., 2620 West Fletcher St., Contr. 758, railroad siding $5,500; from Huxley Fdry. Inc., 106 Tasker St., Contr. 760, for copper, tin and zinc ingots $2,150. Noted May 28.

O., Cleveland—For 3,800 ft. 36 in. mains in Sect. 4 of Ridge Rd., pipe from Kassouff & Co., 3182 West 25th St. c.i. pipe $125,215; from D. Lowens, 8210 Woodland Ave., riveted steel $128,700; from Langahan Constr. Co., Marshall Bldg., lockbar. $140,400. Noted May 21.

Ill., Quincy — Waterworks Comn., 314 Main St., May 28, high service reservoir, from Priester Constr. Co., Kahl Bldg., Davenport, Ia., $174,578. Noted Apr. 30.

Wash., Seattle—Bd. Pub. Wks., from Interstate Constr. Co., Thompson Bldg., mains in 36th Ave. S. W., 985 ft. 12 in. c.i. pipe $3 per ft., 2,630 ft. 8 in. Class B c.i. pipe $1.74, and 5,940 ft. 8 in. Class C c.i. pipe $1.80, total $25,902. Engrs. est $29,070.

CONTRACTS AWARDED

Pa., Ashland—Boro, impounding reservoir for domestic water supply, to Pottsville Constr. Co., Pottsville, $262,324. Engrs. est. $268,000. Noted Apr. 16.

Pa., Pittsburgh — Carnegie Steel Co., Carnegie Bldg., We-Fu-Go water purification system, 2,500,000 gal. daily capacity, for Lucy Furnaces, and similar system at Farrell plant, to W. M. Scaife & Sons Co., 1st Natl. Bank Bldg.

Md. Baltimore—Bd. Awards, copper wire to Water Dept., to Chase & Co., Waterbury Conn., $13,900; brass service pipe fittings, to Mueller Co., Decatur, Ill., $43,400. Noted June 4.

La., Churchpoint—Mayor and Bd. Aldermen, 50,000 gal. tank on tower, to Pittsburgh-Des Moines Co., Praetorian Bldg., Dallas, Tex., $4,025, 12,000 gal. oil storage tank, to Chicago Steel Tank & Tower Co., 1301 S. 55th Ct. Cicero, Chicago, Ill., $550; pumps, engines, air compressor, transformer, etc., to A. Baldwin Co., Camp and Common Sts., New Orleans, $18,850; well to Lane Louisiana Co., Lake Charles, $1,000; 125,000 gal. concrete reservoir, to J. H. Porter, Clinton, Ky., $3,200. Noted Apr. 9.

O., Cleveland—Cuyahoga Co., 6,300 ft. 6 and 8 in. c.i. mains in Impvt. 552, Lee Rd. and Lee Harvard Subdivision, to Hanna & Michael, 2457 E. 9t 55th St., $19,702. Noted June 4.

Ia., New Albin—City, concrete reservoir, pump house and pumping equipment, to Pittsburgh-Des Moines Steel Co., Tuttle and 10th Sts., Des Moines, $23,000. Noted Apr. 30.

Wis., Milwaukee—Dept. Pub. Wks., 13,019 ft. 6 in., to F. E. Kaminski, 745 46th Ave., West Allis, $10,338; 7,644 ft. 8 in. and 1,935 ft. 12 in. mains in various streets, to Wenzel & Henoch Co., 498 27th St., $4,443 and $9,034 respectively. Grand total $23,815. Noted May 21.

Wis., Milwaukee—Dept. Pub. Wks., 5,500 lin.ft. 54 in. c.i. mains in Burleigh St. between 35th and 51st Sts., to W. T. Werner, 675 Hi-Mount Blvd., $79,585. Noted May 21.

Tex., Bossier—City, 3 deep wells and approximately 7 mi. water and sewer lines in various streets, to Janes Contg. Co., Southwestern Life Bldg., Dallas, $137,841. Engrs. est. $140,000.

Tex., Lamesa — Waterworks improvements, incl. 4.5 mi. 6 and 8 in. c.i. mains, 50,000 gal. rein.-con. covered reservoir, also 3.5 mi. 6- to 10-in. sewers, in various streets, to T. J. Whalen, Lubbock, $64,174. Engrs. est. $70,000. Noted Apr. 30.

Tex., Littlefield — City, B. L. Coggill, mayor, waterworks, incl. tank and tower, pumps, mains, etc., to Gantt-Baker Co., 1116-18 West Main St., Oklahoma City, approximately $60,000.

Ont., Leamington — R. M. Selkirk, town clk c.i. pipe, to Gartshore, Thompson Pipe & Fdry. Co., Hamilton, $17,775; pumps and motors, to Turbine Equipment Co., 73 King St. W., Toronto, $5,500; chlorinator and steel pipe, to Wallace & Tiernan, 73 Adelaide St. E., Toronto, $6,100; crib and pump house, to S. Carehagan, Leamington, $4,800.

Sewers

PROPOSED WORK

R. I., Providence—Plans sewers in Berkeley, Erastus, Judith, Hampton and Flora Sts. $25,000. J. B. Ballard, chn. Com. on Sewers, Pub. Wks. Dept.

N. J., Ventnor — Plans sewage disposal plant. $150,000. Engineer not selected.

Ga., Dalton — Voted $30,000 bonds, sewers in various streets. Noted May 26.

Fla., Cedar Key—Plans election $50,000 bonds, extending sewers in various streets. K. W. Drummond, city clk.

Fla., St. Cloud — Voted $240,000 bonds, extending sewers in various streets. J. B. Collins, city clk.

Miss., Gulfport—City, G. Odom, street comr., plans drainage improvements. $58,720.

Miss., Jackson—Voted $110,000 bonds for sewers in various streets. P. A. O'Brien, City Hall, engr. M. L. Culley, Jackson, consult. engr.

O., Alliance—City making preliminary surveys East Alliance sanitary sewer to link with new sewer in southwestern Mahoning Co. $100,000 or more. H. E. Anderson, Alliance, engr.

O., Euclid—Takes bids in summer, sewers in Edgecliff and Park Drives, Glenridge, East Park, Roberts and Maydale Aves., East 215th, 214th, 223rd, 224th, 225th and 226th Sts. $50,000. F. A. Pease Eng. Co., Marshall Bldg., Cleveland, engrs.

Ind., Anderson—Plans 3 mi. sewers in various streets in Park Pl. Addition. $40,000. M. H. Donney, City Hall, engr.

Tex., Bay City—See "Streets and Roads."

Tex., Palmer — Election soon $25,000 bonds for sewers. E. L. Dalton, 319 Wilson Bldg., Dallas, engr.

Tex., Wichita Falls—Election soon $50,000 or more bonds, for sewage disposal plant. Montgomery & Ward, Wichita Falls, engrs. J. H. Gregory, Johns Hopkins University, Baltimore, Md., consult. engr. Noted May 7.

Okla., Mt. View — Making preliminary plans disposal plant 30,000 ft. 8- to 15-in. sanitary outfall sewers in all streets. $45,000. Engineer not announced.

O., Massillon — Plans storm sewer in Kendall allotment. $110,000. City appropriates $85,000 toward cost.

O., Youngstown—Plans sanitary sewer in Waverly Sub. Dist. $112,200. G. Turner, city engr.

Mo., West Plains — Defeated $50,000 bonds, sewers in various streets. Noted Aug. 14.

Ark., Little Rock—Making preliminary plans sanitary sewers, etc., in Sewer Dist. 102. $35,000. M. C. Reed, H. F. Bracy and W. L. Hughes, assessors.

Tex., Cuero—Election soon $28,000 bonds for 1 mi. 8 in. mains to replace smaller mains, 15 fire hydrants, pumping machinery, etc. Address Mayor.

Tex., Clarendon—Defeated $121,000 bonds for sewers. Will call new election soon. F. E. Devlin Eng. Co., 614 Bitting Bldg., Wichita, Kan., engrs. Noted Apr. 2.

Okla., Ada—Making plans sewers in various streets. $100,000. Black & Veatch, 700 Mutual Bldg., Kansas City, Mo., engrs.

Okla., Billings—Voted $35,000 bonds, sanitary sewers in various streets Black & Veatch, 700 Mutual Bldg., Kansas City, engrs.

Okla., Davenport—Election June 16, $35,000 bonds for sewage disposal plant, incl. septic tank, and 20,100 ft. 6- to 12-in. vitr. clay sewers, etc., in all streets. Gantt-Baker Co., 116 West Main St., Oklahoma City, engrs.

Okla., Norman — Voted $25,000 bonds, extending sanitary sewers in various parts of city. F. Cobb, Norman, engr. Noted May 7.

Okla., Oklahoma City—Making surveys 7,200 ft. 48 in. segmental block sewer in East 7th St. $35,000. B. M. Hart, City Hall, engr.

Colo., Denver—Plans 50,000 ft. 8- to 15-in. vitr. sewer in North Highlands Sanitary Sewer Dist., $130,628; 22,000 ft. 8, 10 and 12 in. vitr. sewer, etc. in Valverd Special Sanitary Sewer Dist. 1, $53,822. A. K. Vickery, City Hall, engr.

Ore., Forest Grove — City Comn. takes bids about July 13, rebuilding sewerage system. $71,968. H. F. Price, city engr. Cunningham & Barr, Portland, consult. engrs.

Ore., Portland—Making plans and takes bids about Aug. 29, intercepting sewer in 17 blocks various streets on west side of Willamette River, incl. sewage pumping plant and harbor wall, etc. $1,936,620. O. Langaard, City Hall, engr.

Calif., Los Angeles—Bd. Pub. Wks. takes bids about June 28, 8 in. vitr. clay sewer in Lemoyne St., 59th Dr., etc. T. W. Tuttle, City Hall, engr.

Calif., Los Angeles — Los Angeles Co. made plans 41,410 ft. 8- to 15-in. vitr. sewer, 20,000 ft. 6 in. house sewer connections, etc., in Hampton Ave. between Genesee Ave. and Gardner St.; also 2,840 ft. 6 in. vitr. house sewer, 125 ft. 8 in. vitr. laterals, 7,840 ft. 8- to 10-in. vitr. main line and 25 ft. 12 in. vitr. trunk sewer in Moneta Ave. between 93rd and 104th Sts., etc.

BIDS DESIRED

Mass., Boston — June 15, by Dept. Pub. Wks., sewerage works in Washington St.; June 16 in Tremont St. $25,000. J. A. Rourke, comr.

Mass., Dedham — June 24, by Sewer Comrs., Memorial Hall, constructing about 2,142 ft. 8 ft. sewers with appurtenances in Whitman Ave., Fairview and Maverick Sts. H. A. Phitts, chn.

Conn., Wallingford — June 30, by J. P. Bridgett, warden, and Court of Burgesses, at Boro Office, 3,390 lin.ft. 8 in. and 667 lin.ft. 10 in. vitr. tile sewers, etc., in 8 streets. W. A. MacKenzie, boro engr.; adv. E. N.-R. June 11.

N. Y., Long Island City—June 17, by M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., sewers in Bway., Lake View Pl., Sutphin Blvd., 150th, 146th and 155th Sts., 20th, North Conduit, 120th and 114th Aves.

N. Y., New York—June 16, by H. Bruckner, pres. Bronx Boro, 3rd and Tremont Aves., sewers in Allerton Ave. and Duncan St.

N. J., Highland Park (br. of New Brunswick)—June 15, by Mayor and Boro Council, Masonic Bldg., Raritan and 4th Aves., pumping station, 18,803 lin.ft. 8, 12, and 15 in. vitr. and 402 lin.ft. 8 and 16 in. c.i. sewers, etc. in various streets. R. P. Wilson, 46 Paterson St., New Brunswick, engr.

N. J., Woodridge — June 24, by Mayor and Council, 10 mi. vitr. and c.i. sanitary sewerage system, sewage treatment works.

Sewers (Continued)

and ejector stations, alternate bids on pumping station and tunnel. T. E. Bowe, 110 William St., New York City, consult. engr.; adv. E. N.-R. June 11.

Fla., Tampa—June 26, by City Comn., sewers in portions of Sect. 16, $50,000; in Sect. 17, $50,000. R. D. Martin, City Hall, engr.

Fla., Tampa — June 23, by City Comn., sewers in Sect. 2, streets and alleys. $25,000. R. D. Martin, City Hall, engr.

Tenn., Knoxville—June 16, by City Clerk, Lonsdale Trunk Sewer. L. Brownlow, city engr. A. Harris, dir. Pub. Wks. Noted $75,000.

O., Cleveland—June 17, at office Commissioner Purchase & Supplies, 226 City Hall, sewers La Verne Ave. S. W., East Blvd., Regalia Ave., East 170th, 172nd, 173rd, West 118th and 140th Sts. also culverts in Clarke Ave. outlet, east of Delavan Rd., and south of Lorain Ave., etc. R. Hoffman, City Hall, engr.

O., Euclid — June 15, by City, sanitary and storm sewer in Cut Rd. from St. Clair Ave. to Chardon Rd., and Chardon Rd. from Cut Rd. to Euclid Ave. $50,000. F. A. Pease Eng. Co., Marshall Bldg., Cleveland, engrs.

Mich., Fenton—See "Waterworks"

Mich., Flint—City, taking bids for 17,000 lin.ft. steel pipe for sewer projects.

Ill., Kewanee—See "Streets and Roads."

Wis., Watertown—June 15, by F. Weber, city clk., 3,605 lin.ft. 8 and 10 in. vitr. and 556 lin.ft. 10 in. c.i. sanitary also 5,630 ft. 10- to 24-in. vitr. storm sewers, etc. in various streets. To exceed $25,000. A Kraeft, City Hall, engr.

BIDS RECEIVED

Mass., Boston—Dept. Pub. Wks., sewerage works in River St., Hyde Park, from A. Piatelli, 10 Embrose Terrace, Dorchester, $24,051 engrs. est. $25,000; in Eastern Ave., Brighton, from A. Cefalo, 316 Belgrade Ave., Rosindale, $19,015, engrs. est. $25,000. Noted May 28.

N. Y., Buffalo — Commissioner Pub. Wks., Municipal Bldg., constructing covered rein.-con. storm water drain together with siphons, weir chambers, overflow connections, sewer extension, inlet structures, etc., between end of Sect. II west of Bailey Ave. and point south of Genesee St., also rectifying channel of Scajaquada Creek between Inlet and Sprenger Ave., from F. L. Cohen, Inc., 708 East Ferry St., $674,000; alternate bid constructing covered rein.-con. storm water drain together with siphons, weir chambers, overflow and sewer connections, etc., between end of Sect. II west of Bailey Ave. and point 100 ft. south of Genesee St., end of covered drain, from Buffalo Dredging & Constr. Co., Morgan Bldg., $473,000. Noted Apr. 23.

N. Y., New York—H. Bruckner, pres. Bronx Boro, 3rd and Tremont Aves., June 4, from F. Gabrielle, 1129 8th Ave., sewers in Hull Ave. $3,231, Pelham Parkway North $38,837, West 176th St. $12,651, Pelham Parkway South $5,725; from Fiorello & Koch, sewer in Zulette Ave. $2,196. Noted May 28.

N. J., Little Falls — B. S. Briggs, clk. Twp. Com., Municipal Bldg., extending sewerage system from Pizzimenti Bros., Hyattsville, Md., $96,316; pumping station, from Denville Constr. Co., 147 Morris St., Dover, $6,000.

Md., Baltimore — Bd. Awards, storm sewers in Dist. G-11, 46-B, P-8, and P-4, Storm Water Contr. 83, 500 lin.ft. 5 ft. x 2 in. and 2,160 lin.ft. 6 ft. x 3 ft. 6 in. rein.-con. box drain, 5,875 lin.ft. 24- to 42-in. concrete pipe, and 4,858 lin.ft. vitr. drain and inlet connections, from A. J. Boyle, Amer. Bldg., $137,074.

O., Akron—W. F. Peters, dir. Pub. Serv., June 2, rebuilding 1,700 ft. 12- to 15-in. vitr. clay and 4,350 ft. 30- to 63-in. brick sewer preliminary to abolishing grade crossings at Buchtel Ave. and Exchange Sts., Contr. 1, from E. and W. McShaffrey, 574 Rhodes Ave., $118,995. Engrs. est. $150,000. Noted May 21.

Minn., St. Paul — H. W. Austin, city purch. agt., May 26, constructing Belt Line, Phalen and Hazel Park sewers, Contr. K, 273 ft. 9 in. circular sewer, 1,747 ft. 7 ft. and 2,487 ft. 6 ft. concrete pipe, 2,290 ft. 18- to 35-in. vitr. pipe, etc., from O'Neil & Preston, 608 Exch. Bank Bldg., $132,000. Noted May 21.

CONTRACTS AWARDED

N. J., South Amboy — Common Council, 1,500 ft. concrete sewer pipe for sewer in John St., to Lock Joint Pipe Co., 165 Bway., New York City, $12,566.

Tenn., Memphis—City, main sewer line along Wolf River north of central section, to F. D. Harvey, 688 South Bellevue St., $29,428; sanitary sewers in Riverside Blvd. from Trigg Ave. to Parkway, to G. W. Turner & Co., Memphis, engrs. est. $3,020.

O., Cleveland—City, 3,085 ft. 12- to 24-in. vitr. tile sewer in Tuttle Ave., to Hadded, Karial Constr. Co., 415 Eagle Ave., $9,713; 775 ft. 15 in. vitr. tile sewer in Stratford Ave., to W. B. Smith, 706 The Arcade, $2,608; 815 ft. 12 in. vitr. tile sewer in Rudyard Ave., to Ciraci Constr. Co., 3414 East 123rd St., $3,970; 4,930 ft. vitr. tile sewer in Mohawk Ave., to Salem & George Bros., Erie Bldg., $15,350. Grand total $31,641.

Ia., Sioux City—See "Streets and Roads."

Tex., Bossier—See "Waterworks."

Tex., Lamesa—See "Waterworks."

Tex., Sweetwater — See "Streets and Roads."

Okla., Pauls Valley—City, extending 20,000 ft. 8 and 10 in. vitr. clay sewers, etc., in Gertie, Coffee, Montie, Wagner, Pear and Elm Sts., Sewer Dist. 7, to Sherman Iron Wks., 18 East Main St., Oklahoma City, $24,670. Engrs. est. $25,000.

Okla., Seminole—City, incl. 23,200 ft. 6- to 12-in. vertical fibre brick lateral sanitary sewers, etc., in Yuchee, Seminole, Creek and Hughes Sts., Dists. 1, 2 and 3, to D. A. Blackburn, Healdton, $45,000. Engrs. est. $50,000.

Okla., Tulsa—See "Streets and Roads."

Calif., Los Angeles—To Fry Bros., 2905 East 3rd St., Long Beach, improving 83rd St. between Normandie and Western Aves., grading $10,000, 1,680 sq.ft. 6 in. concrete paving $0.188 per sq.ft., 455,401 sq.ft. oil roadway $0.038, etc., total $106,415.

Calif., Los Angeles — Cement sewer in Warwick Ave., to L. Miletich, 610 West 54th St., Los Angeles, $205,000.

Calif., Los Angeles—Cement sewer in Ellenwood Dr., to Haverty Co., Maple and 8th Sts., Los Angeles, $31,750.

Bridges

PROPOSED WORK

R. I., Providence—Briggs Eng. and Constr. Co., plans bridge over Providence River between Market Sq. and Crawford St. To exceed $25,000. Cost to be borne by City and Briggs Co.

N. Y., Buffalo — Making plans 100 ft. steel and concrete bridge on South Park Ave. To exceed $100,000. C. E. P. Babcock, city engr.

Fla., Jacksonville — See "Streets and Roads."

Fla., Sarasota — Sarasota Co. election June 16, $30,000 bonds for bridge at Cronley and Manasota Sts. O. E. Roesch, co. clk.

Fla., Sarasota—Election June 16, $150,000 bonds Siesta Bridge across Sarasota Bay.

Fla., Sebastian — Brevard Co. (Titusville) and St. Lucie Co. (Fort Pierce) plan creating new special road and bridge district known as Sebastian Bridge Dist., in northern part of St. Lucie and southern part of Brevard Counties, also plan to issue $75,000 bonds for bridge over Indian River, here. N. T. Frascher, clk. Brevard Co.

Fla., Tampa — Hillsborough Co. plans new bridge replacing present one over Six Mile Creek. $40,000. A. B. Pimm, Court House, engr.

Fla., Wabasso—St. Lucia Co., (Fort Pierce) voted $75,000 bonds, new bridge over Indian River, here.

Miss., Meridian—See "Streets and Roads."

O., Cincinnati — Plans 170 ft. concrete arch bridge, on Mitchel Ave. $11,000. F. Krug, City Hall, engr.

O., Cleveland—Cleveland Union Terminal Co., Marshall Bldg., plans rein.-con. bridge, West Side. $100,000. H. D. Jonett, Ulmer Bldg., engr.

O., Dayton — Montgomery Co. plans 3 span, 500 ft. steel truss highway bridge with 24 ft. roadway, 2 piers and 2 abutments over Miami River, on Dixie Highway. $150,000. W. O. Pease, Dayton, co. surv.

Missouri — State Hy. Dept., Jefferson City, making plans three 45 ft. rein.-con. deck girder spans, etc., over Long Branch, Audrain Co.; two 12 ft. rein.-con. slab spans, etc., over Midway Creek, Barton Co.; five 110 ft. rein.-con. arch spans, etc., over Meramec River, three 40 ft. rein.-con. deck girder spans, etc., over Yadkin River, both in Crawford Co.; one 40 ft. rein.-con. deck girder span, etc., over Grindstone Creek, DeKalb Co.; one 55 ft. steel truss span, etc., over Chicago, Rock Island & Pacific R.R. tracks, Franklin Co.; one 30 ft. and two 25 ft. rein.-con. deck girder spans, etc., over Chicago, Burlington & Quincy R.R. tracks, also three 45 ft. rein.-con. deck girder spans, etc., over middle fork of Chariton River, Macon Co.; two 80 ft. steel truss spans, etc., over Elks Fork of Salt River, and two 12 ft. rein.-con. slab spans, etc., over stream, both in Monroe Co.; three 80 ft. rein.-con. arch spandrel filled spans, etc., over Barren Fork, and two 40 ft. rein.-con. deck girder spans, etc., over Hogard Creek, Ozark Co.; three 80 ft. rein.-con. arch spans, etc., over Sinking Creek, Shannon Co.; three 30 ft. steel deck plate girder spans, etc., under Kansas City, Clay County & St. Joseph R.R. tracks, two 12 ft. rein.-con. slab spans, etc., over Wildcat Creek, all in Platte Co. B. H. Piepmeier, highway engr.

Mo., Kansas City—Election soon $2,000,000 bonds ¾ mi. rein.-con. and steel bridge in Blue Valley Dist. P. McGeehan, City Hall, engr.

Tex., Albion—State Hy. Depts. of Texas, Austin, and Oklahoma, Oklahoma City, making preliminary plans 6,000 ft. bridge over Red River near here. $350,000. J. M. Page, Oklahoma City, highway engr. of Oklahoma.

Tex., Anson—See "Streets and Roads."

Tex., Austin—See "Streets and Roads."

Tex., Carthage—See "Streets and Roads."

Tex., Henrietta — See "Streets and Roads."

Tex., San Diego — See "Streets and Roads."

Tex., Vernon—See "Streets and Roads."

California—Los Angeles Co. (Los Angeles) soon takes bids rein.-con. girder bridge on Anaheim Rd., near Long Beach, $400,000; also 2 rein.-con. girder bridges, one at Sherman Way, $45,000, and one at Universal City, $40,000. M. Butler, City Hall Annex, Los Angeles, engr.

Calif., Red Bluff—City, Tehama Co. and State Hy. Comn., Sacramento, plan bridge over Reeds Creek, south of here. $50,000. R. M. Morton, Forum Bldg., Sacramento, ch. engr.

Calif., San Jose—City and Santa Clara Co. making plans, bridge on Williams St. W. Popp, city engr. $45,000.

BIDS DESIRED

Mass., Boston—Dept. Pub. Wks., taking bids rebuilding Massachusetts Ave. bridge, concrete and steel, over tracks New York, New Haven & Hartford R.R. $30,000 bonds J. A. Rourke, comr. Noted May 28.

Mass., North Adams—July 2, by E. R. Doble, comr. Pub. Wks., City Hall, reconstructing Holden St. Bridge; adv. E. N.-R. June 11.

Rhode Island — June 24, at office State Bd. Pub. Rds., Room 21, State House, Providence, constructing state bridges in Warwick, North Kingstown, New Shoreham, Burrillville, Cranston and North Smithfield; adv. E. N.-R. June 11.

N. J., Stony Creek—June 23, by B. Glassbrook, clk. Bd. Supervs. Warren Co., Lake George, constructing New Tannery Bridge over Stony Creek, here. C. Fox, chn.; adv. E. N.-R. June 11.

Ga., Bainbridge—June 26, by State Hy. Dept., East Point, double leaf steel rolling span bridge over Flint River, Decatur Co., here. E. J. Smith, Thomasville, engr. W. R. Neel, highway engr.

Illinois—June 23, by Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, one 40 ft. and one 50 ft. span rein.-con. girder bridge, Route 1, Sect. 43-B, Saline Co., one 20 ft. rein.-con. slab bridge and one 42½ ft. rein.-con. girder bridge, Route 3, Sect. 2-B, Morgan Co., two 40 ft. and three 50 ft. span rein.-con. girder bridge, Route 7, Sect. S, Bureau Co., three 43 ft. span rein.-con. girder bridge, Route 23, Sect. 26-V, De Kalb Co., seven 40 ft. span rein.-con. girder bridge, Route 32, Sect. 4-B, Moultrie Co., one 24 ft. and one 40 ft. span rein.-con. girder bridge, Route 36, Sect. 2-B, Hancock Co., one 24 ft., four 45 ft. and one 58 ft. span rein.-con. and girder bridges, Route 40, Sect. 10-B, Jo Daviess Co.; sidewalks for three 30 ft. span girder bridge, Route 6, Sect. 2-K, DuPage Co. F. T. Sheets, ch. highway engr.

Oklahoma—June 15, by State Hy. Dept., Oklahoma City, 2 span 86 ft. rein.-con. bridge at Gould, Harmon Co., 7.4 tons reinforcing, 278 cu.yd. concrete, 1,400 ft. wooden piling, etc., $30,000; 2 span 92 ft. rein.-con. bridge at Watts, Adair Co., 8.2 tons reinforcing, 220 cu.yd. concrete, 1,200 ft. wooden piling, etc., $35,000; 2 span 118 ft. rein.-con. bridge at Signet, Payne Co., 3.7 tons reinforcing, 430 cu.yd. concrete, 2,400 ft. wooden piling, etc., $35,000; 2 span 148 ft. steel truss on concrete piers, at Clinton, Custer Co., 4.4 tons reinforcing, 670 cu.yd. concrete, 3,500 ft. wooden piling, etc., $45,000. J. M. Page, highway engr.

Washington—June 23, by State Hy. Dept., Olympia, 579 ft. rein.-con. bridge, incl. 90 ft. arch and T-beam approaches over south fork Chehalis River, on State Rd. 12, Lewis Co. J. W. Hoover, state highway engr. Noted June 4.

Wash., Aberdeen—June 24, by City, constructing bridge. $200,000.

BIDS RECEIVED

Mass., West Springfield (br. of Springfield)—Dept. Pub. Wks., Boston, W. F. Williams, comr., June 2, furnishing, fab-

Bridges (Continued)

ricating and erecting steel bridge, here, from Boston Bridge Wks., Inc., 47 Winter St., Boston, $0.05 per lb. Noted June 4.

New Jersey—State Hy. Comn., Trenton, 3 rein.-con. slab bridges on concrete abutments over Waretown Creek, Oyster Creek, and South Branch Forked River, all on Route 4, Sect. 28 A, Ocean Co., from General Constr. & Contg. Co., 117 Emory Ave., Trenton, $42,905. Noted May 21.

Maryland — State Roads Comn., Baltimore, bridge over Licking Creek on Natl. Pike, Contr. W-36, Washington Co., from Forbes-Murphy Constr. Co., 406 St. Paul St., Baltimore, $16,980. Noted May 28.

Wisconsin—See "Streets and Roads."

Missouri—State Hy. Dept., Jefferson City, from A. A. Davis & Co., Grain Exch. Bldg., Oklahoma City, Okla., two 12 ft. rein.-con. slab spans, etc., over Birdsong Creek $1,916, two 20 ft. rein.-con. slab spans, etc., over Sappington Branch, $2,601; from C. Jobe, Clarksburg, two 12 ft. rein.-con. slab spans, etc., over Dry Fork Branch, $2,515, and two 12 ft. rein.-con. slab spans, etc., over Long Branch, $2,643, also two 12 ft. rein.-con. slab spans, etc., over stream, $2,458, all foregoing in Moniteau Co.; from Public Wks. Constr. Co., Century Bldg., St. Louis, two 80 ft. steel truss spans, etc., over middle fork of South Fabius River, Scotland Co. $23,763, five 80 ft. steel truss spans, etc., over east fork of Black River, Reynolds Co., $34,831; from J. M. Birmingham, Vienna, one 45 ft. rein.-con. deck girder span, etc., over Silver Fork of Grindstone Creek $10,115, two 18 ft. rein.-con. slab spans, etc., over Grindstone Creek, $2,741, both in Boone Co.; from Robertson Carmean Constr. Co., Caruthersville, three 45 ft. rein.-con. deck girder spans, etc., over South River, Marion Co., $7,517; from H. H. Hannenkrat, Kansas City, two 10 ft. rein.-con. slab spans, etc., over Bailey Branch, Moniteau Co., $2,002; from Cook & Waddell, Ottawa, Kan., two 20 ft. rein.-con. slab spans, etc., over stream, Audrain Co., $4,126; from Kelly & Underwood, Granby, two 12 ft. rein.-con. slab spans, etc., over stream, Phelps Co. $4,717; from Springfield Constr. Co., Springfield, three 20 ft. rein.-con. slab spans, etc., over Little Beaver Creek, Phelps Co., $4,663; from M. E. Gillioz, Monett, one 45 ft. rein.-con. deck girder span, etc., over Coon Creek, $9,350; from Kalterman-Thompson, Omaha, Neb., two 12 ft. rein.-con. slab spans, etc., over Norwegian Creek, $3,195, from J. A. Carlson, Macon, one 60 ft. steel truss span, etc., over Little Fabius Creek, $8,870, all in Knox Co.; from Pioneer Constr. Co., 101 New York Life Bldg., Kansas City, one 120 ft. steel truss span, etc., over Saline Creek, Miller Co., $26,669; from F. C. Teach Co., Morroco, Ind., one 80 ft. steel truss span, etc., over Tobin Creek, Scotland Co., $10,456; from Thomas & Samson, Bonnotesmill, repairing 190 ft. steel bridge over Bourbenese River, Franklin Co., $995. Noted May 14.

Tex., Anderson—See "Streets and Roads."

Tex., Laredo—See "Streets and Roads."

Tex., Linden—See "Streets and Roads."

California—State Highway Comn., Sacramento, May 25, eight 50 ft. span, rein.-con. girder bridge, 30 ft. over San Mateo Creek, San Diego Co., from R. A. Watson, 2304 Hyperion St., Los Angeles, $74,787. Noted May 21.

CONTRACTS AWARDED

Pa., Point Bridge (mail Pittsburgh)—Allegheny Co., piers and approaches for bridge here over Monongahela River, to Dravo Contg. Co., 302 Pennsylvania Ave., $591,195. Engrs. est. $700,000. Noted May 28.

Maryland — State Roads Comn., Baltimore, 57 ft. single span bridge over Evitts Creek, on Natl. Pike at Gilpin, Contr. A-38, and 71 ft. rein.-con. span arch bridge over Town Creek, on Natl. Pike at Gilpin, Contr. A-36, to Thomas, Bennett & Hunter, Westminister, $9,165 and $13,735 respectively; extending existing brick arch with 50 ft. span and 7 ft. rein.-con. arch, over Flintstone Creek, at Flintstone, to Brady Bros. & Co., Frostburg, $4,361. Noted May 28.

North Carolina — State Hy. Comn., Raleigh, rein.-con. bridges and culverts on Project 105-E, Beaufort Co., to Roanoke Iron & Bridge Works, Roanoke, Va., $32,819. Noted May 21.

South Carolina — J. M. Martin, engr., Florence, 1,911 ft. treated timber bridge and approaches over Lynches River on State Route 3, Federal Aid Project 260-A, Lee and Florence Counties, to Austin Bros. Bridge Co., Mickleberry St., Atlanta, Ga. $48,145; also sand clay surfacing 2.7 mi. roadway, to Newell Constr. Co., Greenville, $52,965. Noted May 14.

La., Simmesport—Bd. Comrs. Rio River, Atchafalaya and Bayou Boeuff Levee Dist., Alexandria, granted Louisiana Ry. & Navigation Co., W. Edonborn, pres., United Fruit Bldg., New Orleans, permission to construct railroad bridge across Atchafalaya River, here.

Ia., Logan—Harrison Co., 180 x 16 ft. pony truss bridge with two 30 x 16 ft. I-beam approaches, one 100 x 20 ft. high truss bridge, one 175 x 20 ft. pin connected high truss bridge with 90 x 20 ft. and one 60 x 20 ft. pony truss approach and one 60 x 20 ft. high truss bridge, Federal Aid Project 228, to G. W. Condon, 510 Farnam Bldg., Omaha, Neb., $68,700; four box culverts, to Standard Bridge Co., City Natl. Bank Bldg., Omaha, Neb., $9,370. Noted May 7.

South Dakota—State Hy. Comn., Pierre, **(F. A. P. means Federal Aid Project)**, one 30 ft. viaduct on F. A. P. 42, Brown Co., 13,325 lb. reinforcing and 45,300 lb. structural steel, to H. Pickus Constr. Co., Sioux City, Ia., $6,171; bridge and culvert on F. A. P. 173C, Faulk Co., 35,293 lb. reinforcing, to Schreiber Eng. Co., Watertown, $10,366; one 34 ft. viaduct on F. A. P. 177B, Pennington Co., to Northwestern Eng. Co., Kadoka, $2,454; one 34 ft. and one 78 ft. viaducts on F. A. P. 188D, McCook Co., 21,241 lb. reinforcing and 49,969 lb. structural steel, to W. A. Barnhart, Salem, $8,854; one 40 ft. viaduct on F. A. P. 178B, Hutchinson Co., 6,989 lb. reinforcing and 26,119 lb. structural steel, to Federal Bridge Co., 1002 B. T. Bldg., Des Moines, Ia., $3,431. Grand total $31,276. Noted May 21.

Tex., Brenham—See "Streets and Roads."

Tex., Sweetwater — Nolan Co., concrete bridges, and box culverts on State Highway 70, to C. C. O'Neal, 4425 Glenwood St., Dallas, $26,014. Engrs. est. $30,000. Noted May 28.

Oklahoma—See "Streets and Roads."

Washington—State Hy. Comn., Olympia, two 20 ft. rein.-con. slab span bridge over Mission Creek, on State Rd. 2, Chelan Co., to C. F. Bond, 908 West Maxwell St., Spokane, $5,058; one 40 ft. and two 30 ft. rein.-con. T-beam span bridge over Rock Island Creek, on State Rd. 10, Douglas Co., to Delivuk & Stack, 615 Realty Bldg., Spokane, $7,552; one 16 ft. rein.-con. slab span bridge over Kiona Creek, one 30 ft. rein.-con. T-beam span bridge over Oliver Creek, and one special 20 ft. rein.-con. arch culvert over Peters Creek, all on State Rd. 5, Lewis Co., to H. C. Mallott, 6548 17th Ave. N. E., Seattle, $18,067. Grand total $30,677. Noted May 14.

Ore., Portland—Comrs. Multnomah Co., Room 405 Court House, Ross Island Bridge over Willamette River, main river spans, to Booth & Pomeroy, Portland, $1,135,843; approaches and retaining wall, to Lindstrom & Feigensen, Portland, $505,500. Noted Apr. 30.

Calif., Los Angeles — City, 60 ft. span rein.-con. bridge with two 40 ft. approaches, Avenue 60, to B. Crossland, 604 South Marguerita Ave., Alhambra, $83,405. Noted June 4.

Calif., Los Angeles—To Atkinson—Spicer Co., Chapman Bldg., for Macy St. viaduct over Los Angeles River, arch centers $10,000, 1,450,000 lb. reinforcing $0.045 per lb., etc., total $324,825. Noted June 4.

Calif., Los Angeles — City, beam and girder bridge, 26,356 cu.yd. fill, 1,600 cu.yd. concrete, to B. Crossland, 604 South Marguerita St., Alhambra, $83,405. Engrs. est. $82,000.

Dams

PROPOSED WORK

Wis., Mason—See "Unclassified."

Tex., Brownwood—See "Waterworks."

Tex., San Antonio—Lakewood Co., Brady Bldg., T. Etheridge, Jr., chn. Building Com., plans 8 mi. rein.-con. dam, 80 ft. maximum heighth, between Fredericksburg and Blanco Rds., near here. Engineer not selected.

BIDS DESIRED

Ont., Ottawa—June 30, by J. W. Pugsley, secy. Dept. Rys. and Canals Ottawa, concrete dam at Trent Canal, Lock 23. $150,000. A. E. Debuc, Ottawa, engr.

Railways

PROPOSED WORK

Tennessee—Nashville Railway & Light Co., Watkins Bldg., Nashville, plans reconstructing tracks on Fatherland St. from 2nd to 11th Sts., in Nashville. $50,000. J. P. W. Brown, gen. supt.

BIDS RECEIVED

California—City and San Francisco Co., from C. B. Eaton, 715 Ocean Ave., San Francisco, extending Sunset Line of municipal railway system (Judah St.), 140 lin.ft. standard double track (paved street) $6.75 per lin.ft.; 2,605 lin.ft. standard double track (unpaved street) $6.75, 240 lin.ft. standard single track (paved street) $3.37, 240 lin.ft. standard single track (unpaved street) $3.37, 14,328 sq.ft. basalt headed block pavement, $0.60, total $28,743.

Excavation, Drainage, Irrigation, Levees

PROPOSED WORK

Conn., Hartford—Plans confining Gully Brook in concrete conduit, Sect. 6. $30,000. R. N. Clark, Municipal Bldg., engr.

O., Cleveland — City, W. R. Hopkins, mgr. plans acquisition of land, dredging new channel, straightening Cuyahoga River and building new bridge; also improving lake front from Edgewater to Gordon Parks by constructing necessary bulkheads, fills, roads, boulevards, approaches and streets, about $2,000,000.

Tex., Brownsville—Cameron Co. making plans levees along Sardinas and Resaca Rivers to connect with levees of Hidalgo flood control project and extending to Willacy Co. line. $800,000. W. O. Washington, Brownsville, engr. W. E. Anderson, San Benito, consult. engr. Noted May 21.

BIDS DESIRED

N. Y., Albany—July 7, by R. K. Fuller, comr. Canals & Waterways, 55 Lancaster St., construction and repair work at Delta Dam, Erie Canal, Sect. 5, Contr. 229; adv. E. N.-R. June 11.

N. Y., New York — June 15, by Dept. Docks, Pier A, North River dredging between Piers 1 and 2, and removing old Pier 1, North River, Contr. 1859.

BIDS RECEIVED

Calif., Los Angeles — Los Angeles Co., 287,000 cu.yds. excav. to construct levees and rectification of lower East San Gabriel Channel, from D. A. Foley & Co., Wright-Callendar Bldg., Los Angeles, at $0.13 per cu.yd., total $37,310.

Calif., Richmond—City, dredging 100,000 cu.yds. in Inner Harbor, from Amer. Dredging Co., 255 California St., San Francisco, $0.30 per yd. Noted May 21.

CONTRACTS AWARDED

Okla., Marlow — Little Beaver D. D. 1, Stephens Co., draining and straightening 7.5 mi. Little Beaver Creek southwest from Grady Co. line, 88,000 cu.yd. excav., etc., to Oklahoma Dredging Co., 327 West 20th St., Oklahoma City, $27,865. Engrs. est. $30,000.

B. C., Vancouver—Hudson Bay Co., Granville and Georgia Sts., excavating and installing footings for foundation for big department store, to Carter-Halls-Aldinger Co., Behius Bldg., $80,000. Noted Jan. 8.

Streets and Roads

PROPOSED WORK

Mass., Beverly—Bd. Aldermen plans election appropriating $100,000 bonds improving and reconstructing various streets.

Mass., Dorchester (Boston P. O.)—Dept. Pub. Wks., Boston, plans constructing Walk Hill St. as highway, here. $25,000. J. F. Sullivan, secy. Street Laying Out Dept.

Pa., Johnstown—Plans brick on concrete or asphalt on rein.-con. paving Glass and 5th Alleys, Buck, Emmel, Coleman and Penna Aves., Sunday, Boyer and Stackhouse Sts. H. L. Wilson, City Hall, engr.

W. Va., Spencer—Roane Co. voted $75,000 bonds grading Ripley-Spencer Rd., Curtis Dist. S. P. Whitney, Spencer, engr. Noted May 7.

North Carolina — State Hy. Dept., Raleigh, plans clearing, grubbing, grading, etc. 7.5 mi. Project 216, Craven Co., $52,500 and 16 mi. Project 406, Chatham and Wake Counties, $112,000; grading, etc., 4 mi. Project 204 Craven Co., $28,000. C. M. Upham, highway engr.

N. C. Beaufort—Carteret Co. plans paving 5½ mi. road from here to North River Bridge. $135,000. C. T. Chadwick, chn. co. comrs.

N. C., Elizabeth City—Pasquotank Co. plans paving 3.25 mi. road from Old Weeksville westerly to Simonds Creek. $75,000. J. J. Morris, chn. co. highway comn.

Fla., Cedar Key—Plans election $200,000 bonds, paving various streets. L. W. Drummond, clk.

Fla., Jacksonville — Duval Co. election July 7, $1,500,000 bonds, for roads and bridges. C. A. Broune, Orlando, engr.

Fla., Tampa — Hillsborough Co. plans paving portions of Hopewell Rd. $75,000, Magdalena Rd. $44,000, Hillsborough Ave $25,000, and Interbay Rd. between Beach Park and Grandy Bridge $33,000. A. B. Pimm, Court House, engr.

Streets and Roads (Continued)

Miss., Gulfport — Making preliminary plans grading, curbing and hardsurfacing 30 various streets. $464,530. H. D. Shaw, city engr.

Miss., Jackson — Voted $170,000 bonds, improving various streets. P. A. O'Brien, City Hall, engr., M. L. Culley, Jackson, consult. engr.

Miss., Jackson — Voted $400,000 bonds, improving various streets. M. L. Culley, Jackson, engr.

Miss., Meridian — Lauderdale Co. soon takes bids grading, bridging and gravel surfacing 13.3 mi. Federal Aid Project 63. $160,000. H. C. Deitzer, Jackson, engr.

Miss., Natchez — Voted $500,000 bonds, for street improvements. M. L. Culley, Jackson, engr. Noted Feb. 19.

Tennessee — State Dept. Hys. & Pub. Wks., Nashville, making surveys improving 25 mi. LaFollette-Kentucky State Line Rd., Campbell Co.; grading and surfacing 12 mi. Cleveland-Hiwassee River Rd., Bradley Co., and surfacing, probably gravel 8 mi. Obion-Dyer Co. line Rd., Obion Co. J. G. Creveling, highway comr.

Tennessee—State Dept. Hys. & Pub. Wks. takes bids about June 26, surfacing, probably gravel 14 mi. Obion-Lanes Ferry Rd., Obion Co. J. G. Creveling, highway engr.

Tenn., Memphis — Plans widening and repaving 6 blocks Jefferson Ave. from Main to Lauderdale Sts., $75,000; also 6 blocks 3rd St. from Adams to Union Sts., at $14 per front foot. W. Fowler, city engr.

Ky., Louisville—Takes bids in June asphalt surfacing 25 blocks Ormsby, and Rubel Aves., Roselane, 17th, Cedar, 18th, 11th, Walnut, Market, Maple, and Marshall Sts., Griffiths Ave., from 23rd to 24th Sts. and Griffiths Ave. from 21st to 22nd Sts., concrete surfacing 2 blocks Campbell St. $200,000.

O., Akron—W. F. Peters, dir. Pub. Serv., takes bids in spring improving 2,574 ft. Dayton St., 7,550 sq.yd. vitr. brick, 4,900 lin.ft. stone curbing, 7,800 sq.ft. 4 in. concrete sidewalks, 2,800 cu.yd. earth excav., etc., $57,000; 1,344 ft. Damon St., 3,700 sq. yd. vitr. brick, 2,525 lin.ft. stone curbing, 10,900 sq.ft. 4 in. concrete sidewalks, 3,200 cu.yd. earth excav., etc., $30,200. E. A. Kemmler, Delaware Bldg., engr.

O., Canton — Plans improving Frazer Ave. N. W., $35,000, 16th St. N. E. $40,000, 16th St. N. W., $40,000, Maryland Ave. S. W., $60,000, Navarre Rd. S. W. $50,000-$60,000; asphalt paving Lafayette Ave. $45,000, Chery Ave. S. E., $50,000, and Sherrick Rd. $40,000. W. E. Sarver, City Hall, engr.

O., Massillon — Plans improving East Tremont St. $55,000. C. E. Rice, Massillon, engr.

O., Springfield—Clark Co., plans improving 12 mi. South Charleston Pike, 60 ft. $300,000.

Michigan — State Hy. Dept. at office Comrs. Washtenaw Co., Ann Arbor, received no bids May 28, concrete paving 1.189 mi. Trunk Line Rd. 23-13 B, 20 ft. Work will probably be done by day labor.

Mich., Detroit—Plans paving 2,685 sq.yd. Doremus Ave. $12,050, 2,250 sq.yd. Bonaparte Ave. $10,010, 1,070 sq.yd. Bedford Court $4,800, 5,680 sq.yd. Alter Rd. from Mack to Lozier Aves. $25,550, 8,360 sq.yd. Alter Rd. from Kercheval to Waterloo Aves. $37,490, 3,505 sq.yd. Ashland Ave. $15,745, 1,830 sq.yd. LaSalle Ave. $8,210, 6,080 sq. yd. Nevada Ave., Sect. 2 $27,370, 6,925 sq. yd. Riopelle Ave. $31,140, 2,620 sq.yd. Tyler Ave. $11,820, 2,240 sq.yd. Clarion Ave. $8,560, Dallas Ave. $7,790, 1,072 sq.yd. Southfield Ave., 3,243 sq.yd. Stoeple Ave., 8,625 sq.yd. Rosemary Ave., 837 sq.yd. Maderia Ave., 5,694 sq.yd. Klinger Ave., 1,102 sq.yd. Trenton Ave., 8,695 sq.yd. Marx Ave., 6,804 sq.yd. Philip Ave., Sect. 2, 6,615 sq.yd. Wayburn Ave., 11,481 sq.yd. Woodstock Dr., 1,967 sq.yd. Springle Ave., 1,502 sq.yd. Sallan Ave., 9,704 sq.yd. Conant Ave., Sect. 3, 5,615 sq.yd. Otsego Ave., and 2,088 sq.yd. Girardin Ave. G. Jerome, city engr.

Mich., Port Huron—Plans paving Tunnel St. $200,000, Wall St. $49,000, and 9th St. $10,000. E. R. Whitmore, city engr.

Ill., Olive — City having revised plans prepared rein.-con. surfacing Main and other streets. Holbrook, Warren & Van Praag, 416 Millikin Bldg., Decatur, engrs.

Ill., Windsor—Plans rein-con. paving business district and adjoining streets. $50,000. Holbrook, Warren, and Van Praag, 416 Millikin Bldg., Decatur, engrs.

Ia., Cedar Rapids—Plans asphaltic concrete surfacing 9,630 sq.yd. Greenwood, Ridgway and Fairview Drs. $25,000. T. F. McCauley, city engr.

Ia., Des Moines — Making preliminary plans grading, curbing, and sheet asphalt, asphaltic concrete, Willite, asbestophalt, Warrenite, vibrolithic concrete, concrete or brick surfacing East 17th St. from Dean to Walker Sts., $55,174 and West 44th St. from Sheridan to Hickman Sts., $12,024. K. C. Kastberg, City Hall, engr.

Ia., Sioux City—Making plans grading and paving about 2 mi. Riverside Ave., 20 ft. $67,000. L. N. Hintgen, city engr.

Kan., Dodge City — Making preliminary plans grading, curbing and brick on concrete surfacing 8 blocks Avenue B and East Chestnut St. Noted Feb. 14.

Kan., Hiawatha—Making preliminary plans paving various streets. $25,000. Black & Veatch, 700 Mutual Bldg., Kansas City, Mo., engrs.

Kan., Kansas City — Wyandotte Co. making plans asphaltic concrete surfacing 1.32 mi. Ridgeview Rd., and concrete surfacing 1 mi. Fort to Fort Highway, both 18 ft., to exceed $25,000. O. K. Williams, Court House, co. engr.

Kan., Oskaloosa—Jefferson Co. making preliminary plans grading, etc. 157,000 cu.yd. Federal Aid Project 276-C and D. R. C. Ham, Oskaloosa, engr.

Kan., Paola—Miami Co. making preliminary plans grading, etc. 10.25 mi., Federal Aid Project 293, 28 ft. F. Gardner, Paola, engr.

Kan., Wichita—Sedgwick Co. takes bids about July 1, grading, concrete surfacing, etc., 1.548 mi. Arkansas Ave., 18 ft. M. Roseberry, Court House, engr.

Missouri — State Hy. Dept., Jefferson City, making plans grading 9 mi. Savannah-St. Joseph Rd., Andrew Co., 7.1 mi. Kansas City-Joplin Rd., Barton Co., 9 mi. St. Joseph-Hannibal Rd., De Kalb Co., 3 mi. road from Springfield north and south, Greene Co., 9 mi. Savannah-St. Joseph Rd., Holt Co., 13.2 mi. Kansas City-Jefferson City Rd., Jackson Co.; 30 ft. grading 4.5 mi. road from Paris south, Audrain Co., 4 mi. Jefferson City-Springfield Rd., Camden Co., 4.5 mi. Cuba-Steelville Rd., Crawford Co., 10 mi. Springfield-St. Louis Rd., Laclede Co., 8.7 mi. St. Joseph-Hannibal Rd., Macon Co., 4.7 mi. road from Alton east and west, Oregon Co., 19.2 mi. road from Gainesville north and south, Ozark Co., 4.5 mi. St. Joseph Rd., Platte Co.; 12 ft. gravel surfacing 9.5 mi. road from Warrenton north, Warren Co.; 16 ft. gravel surfacing 4.8 mi. road from Van Buren east and west, Carter Co., 9 mi. Jefferson City-St. Louis Rd., Franklin Co.; 18 ft. gravel surfacing 3 mi. Columbia-Jefferson City Rd., Boone Co., 7.95 mi. road from Springfield east and west, Greene Co., 9 mi. road from Paris south, Monroe Co.; 20 ft. gravel surfacing 10 mi. Jefferson City-St. Louis Rd., Osage Co.; 18 ft. concrete paving 9 mi. Savannah-St. Joseph Rd., Andrew Co., 6.5 mi. Kansas City-Joplin Rd., Barton Co., 9 mi. St. Joseph-Hannibal Rd., De Kalb Co., 3 mi. road from Springfield north and south, Greene Co., 9 mi. Savannah-St. Joseph Rd., Holt Co., 13.2 mi. Kansas City-Jefferson City Rd., Jackson Co. B. H. Piepmeier, highway engr.

Mo., Cape Girardeau — Making preliminary plans grading, curbing, 4 and 6 in. rein.-con. paving 20 blocks North Spring, Bellevue, Park, Louisiana, Mill, North and South Pacific, Bway. and North Spanish Sts.

Mo., St. Louis—Bd. Pub. Serv., making preliminary plans recut granite block on concrete repaving, etc. Cass Ave. from Bway. to Hogan St. $115,000, Franklin St. from High to Jefferson Sts., $128,500; Warrenite, asphalt, Willite, shallow or standard granite block repaving Easton St. from Prairie to Marcus Sts., $125,000-$234,000; widening asphalt, Willite or Warrenite concrete repaving Jefferson St. from Arsenal to Cherokee Sts. $54,000-$64,000, Jefferson St. from Arsenal to Gravois Sts. $57,000-$67,500, Jefferson St. from Cherokee to Winnabago Sts., $49,500-$51,000, widening brick on Willite, Warrenite or asphalt repaving Jefferson St. from Lafayette to Gravois Sts. $92,000-$108,000; Warrenite, asphaltic concrete, asphalt or brick on concrete paving, etc. Arthur Ave. from Watson Rd. to McDermott's Watson Rd. Second addition, $22,000-$26,500; vibrolithic concrete, brick, Warrenite or Willite on concrete paving, etc. Blair Ave. from North Market to Wright Sts., $30,500-$37,500; brick, Warrenite, asphalt or Willite paving, etc. Blair Ave. from Biddle to North Market Sts., $71,500-$87,000; shallow granite block, Warrenite, asphalt or Willite paving, etc. Cardinal St. from Olive St. to Lucas Ave., $23,800-$35,200, asphaltic concrete, brick, concrete, asphalt, Warrenite or Willite paving, etc. Nagel Ave. from Missouri Pacific R.R. tracks to Michigan St., $20,000-$25,000, Willite, Warrenite or asphalt paving, etc. 22nd St. from Washington St. to Cass Ave., $64,500-$66,500. W. W. Horner, 300 City Hall, engr.

Mo., Clinton—Plans vibrolithic concrete paving additional streets. $25,000.

Mo., St. Louis—E. R. Kinsey, pres. Bd. Pub Serv. making preliminary plans grading and extending Skinker Rd. from Delmar Blvd. to Olive St. Rd. $27,000.

Arkansas—State Hy. Dept., Little Rock, making preliminary plans grading, gravel surfacing, etc., 10 mi. Federal Aid Project 203, Little River Co. $26,500. R. C. Limerick, highway engr.

Arkansas—State Hy. Dept., Little Rock, soon takes bids gravel surfacing approximately 25 mi. Warren-Star City Rd., Federal Aid Project 229, $225,000; 25 mi. Wynne-Harrisburg Rd., Federal Aid Project 217-A, $225,000; and 22 mi. Hope-Lewisville Rd., Federal Aid Project 215, $130,000. R. C. Limerick, highway engr.

Ark., Little Rock—Making preliminary plans grading, curbing and hard-surfacing etc., Paving Dist. 413. $30,000.

Ark., Magnolia—See "Waterworks."

Tex., Anson — Jones Co., O. Thomas, judge, takes bids after June 15, grading and bridging 15.27 mi. State Highway 18, Federal Aid Project 477. $73,000. J. W. Puckett, Stamford, engr. Noted June 4.

Tex., Austin—Travis Co. making plans grading, curbing, bridging and bituminous on crushed stone surfacing 1.515 mi. State Highway 20, Federal Aid Project 478-B, 18 ft., incl. overpass over Missouri, Kansas & Texas R.R. tracks, $87,000; grading and bituminous macadam surfacing 4.1 mi. same road Sect. C, 18 ft., $65,500; grading bridging and bituminous macadam surfacing 3.43 mi. same road Sect. D, 20 ft. $119,500. O. Leonard, Box 256, Austin, co. engr.

Tex., Bay City—Matagorda Co. making plans grading, bridging and shell surfacing 32.4 mi. State Highways 58 and 59, 18 ft. $375,000. E. N. Gustafson, Bay City, co. engr.

Tex., Beeville—Bee Co. plans bituminous surfacing 11.5 mi. State Highway 12 from Beeville to Berclair. $60,000. R. J. Beasley, co. judge. Engineer not selected.

Tex., Carthage — Panola Co. plans bridging, grading and gravel surfacing 7 mi. highway from Gary to State Highways 8, 16 ft. $52,000. Titus & Dillon, co., engrs.

Tex., Eastland—Eastland Co. plans bituminous macadam paving 12 mi. State Highway 23 from Cisco to Moran. $230,000. E. S. Pritchard, co. judge. Engineer not selected.

Tex., Galveston—Voted $150,000 bonds paving various streets and $125,000 bonds paving Bway. St. C. A. Holt, city engr. Noted May 7.

Tex., Halletsville — Lavaca Co. making plans gravel surfacing 11.07 mi. State Highway 72, State Aid Project 320-2, 16 ft. $81,700. W. H. Koether, Halletsville, co. engr.

Tex., Henrietta—Clay Co. making plans and soon takes bids grading, bridging, etc., 10.24 mi. State Highway 5, Federal Aid Project 449-B, $61,000; and 6.89 mi. State Highway 52, Federal Aid Project 448-B, $30,150, both 26 ft. D. M. Puckett, Henrietta, co. engr.

Tex., Hondo—Medina Co., R. J. Noonan, judge, takes bids after June 15, surfacing 1.56 mi. State Highway 3, Federal Aid Project 270-B, 14,614 yd. 1 in. and 270 yd. 1½ in. rock asphalt. $28,000. Walton & Arneson, Gunter Bldg., San Antonio, engrs. Noted June 11.

Tex., Hondo — Medina Co. soon takes bids 1 in. cold Uvalde rock asphalt paving 11.55 mi. State Highway 3, Federal Aid Project 270-A, 18 ft., $74,400; and 98,620 sq.yd. on same road Sect. C, 16 ft., $60,750. Walton & Arneson, Gunter Bldg., San Antonio, engrs.

Tex., San Antonio—Plans asphalt paving 3 blocks Market St. between Main Plaza to St. Marys St. $25,000. I. Ewig, city engr.

Tex., San Diego—Duval Co. soon takes bids grading, bridging, etc. 15.76 mi. State Highway 12-A, Federal Aid Project 424-E, 26 ft. $84,000. J. E. Hess, San Diego, engr.

Tex., Stamford—Making surveys paving various streets. $25,000. W. J. Powell, 311 Southwestern Life Bldg., Dallas, engr. Noted Jan. 29.

Tex., Vernon — Willbarger Co. making plans grading, bridging and bituminous concrete surfacing 6.97 mi. State Highway 5, Federal Aid. Project 451-B, 18 ft. $213,000. J. B. Nabors, Vernon, co. engr.

Tex., Wichita Falls—Making plans paving approximately 4 mi. roadway through new park from Holliday St. to Lake Wichita Falls Rd. $50,000. F. M. Rugeley, Wichita Falls, engr.

Oklahoma — State Hy. Dept., Oklahoma City, made surveys grading and gravel surfacing 280,000 sq.yd. Federal Aid Project 196, Haskell Co. $450,000. J. M. Page, highway engr.

Okla., Ada — Making plans grading and concrete paving 9,500 sq.yd. South Bway. $30,000. Black & Veatch, Mutual Bldg., Kansas City, Mo., engrs. Noted May 21.

Streets and Roads (Continued)

Okla., Ada — Making plans improving various streets. $75,000. Black & Veatch, 700 Mutual Bldg., Kansas City, Mo., engrs.

Okla., Chickasha—Plans grading, curbing and concrete paving 9,150 sq.yd. Dist. 27. $31,500. P. Bradley, Chickasha, engr.

Okla., Chickasha—Plans grading, curbing and concrete surfacing 8,800 sq.yd. Iowa Ave., Impvt. Dist 32, 30 ft. $28,000. R. G. Bradley, Chickasha, engr.

Okla., Clinton—Plans grading and sheet asphalt paving 5,300 sq.yd. North 10th St. and Choctaw Ave. $37,000. B. M. Hart, City Hall, city engr.

Okla., Guthrie — City, G. L. Anderson, clk., plans grading, curbing, and paving 21,300 sq.yd. Walnut, Vilas, Park, Noble, and Vine Sts. $72,300. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs.

Okla., Holdenville — Plans grading and concrete surfacing 9,200 sq.yd. South Echo St., 28 ft. $31,000. C. H. Edge, Holdenville, engr.

Okla., Lexington — Making preliminary plans widening 5 blocks Main St., 76 ft. $30,000. B. Lee, city clk. Engineer not selected.

Okla., Lindsay—City, C. A. Hilyer, clk., making preliminary plans grading, curbing, guttering, and waterbound macadam surfacing 15,000 sq.yd. 2nd, 3rd, 4th, and Garvin Sts. $32,000. V. V. Long, 1300 Colcord Bldg., Oklahoma City, engrs.

Okla., Oklahoma City—Plans grading and vitr. brick surfacing 7,110 sq.yd. Ave. F, 30 ft. $35,000. B. Hart, City Hall, engr.

Okla., Noble—Making preliminary plans grading, curbing and concrete widening 8,600 sq.yd. Main St. $30,000. Engineer not selected.

Okla., Pauls Valley—Plans grading, curbing, and concrete paving 9,300 sq.yd. East Grant Ave. $33,000. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs.

Okla., Sulphur—Plans grading and concrete surfacing 9,500 sq.yd. Impvt. Dist. 16. $30,000. E. T. Archer, New England Bldg., Kansas City, Mo., engr.

Okla., Tulsa—Cancelled improvements in Dist. 634, and will readvertise improvement streets in Dist. 639. C. Schultz, City Hall, engr.

Colo., Denver—Plans asphalt paving 12 blocks West Denver Paving Dist. 10. $74,280. A. K. Vickery, City Hall, engr.

Wash., Mt. Vernon — Comrs. Skagit Co. take bids about June 30, paving 2.25 mi. McLean Rd. $55,000. R. E. Knapp, Mt. Vernon, engr.

Calif., Los Angeles—Bd. Pub. Wks. takes bids about June 28, grading, curbing, guttering and asphaltic concrete paving 3,000 ft. Clifford and Curson Aves., 59th, Riveria, and Adobe Sts.; grading, curbing, guttering and asphaltic macadam paving 4,000 ft. Huntington Dr., Folsom St., Gorham Ave., and Los Feliz Blvd., also 3,000 ft. Normandie and Morie Aves., Roseland, Utah, and London Sts. To exceed $75,000. H. Van Norman, City Hall, engr.

Calif., Los Angeles — Plans grading, curbing, guttering, sidewalks and asphaltic macadam paving 5,000 ft. Laural, Canon Rd., Adams St., and Similey Dr. Impvt. Dist. $25,000 or more. H. A. Van Norman, City Hall, engr.

Calif., Los Angeles — Los Angeles Co. made plans improving Holmes Ave. between Slauson and Florence Aves., 2,600 cu. yd. excav., 38,228 sq.yd. shape, 38,228 sq.yd. 1½ in. National paving (top), 37,728 sq.yd. 3½ in. asphaltic concrete (base), 51,881 sq.ft. 6 in. cement gutters, 14,719 sq.ft. 8 in. cement gutters, etc.; also Market St. between Western and Normandie Aves., 2,104 cu.yd. excav., 8,079 sq.yd. shape, 5,366 ft. curbing, 26,050 sq.ft. sidewalks, 16,469 sq.ft. guttering, 11,053 sq.yd. 6 in. concrete paving, 7,026 sq.yd. oil and screenings, to exceed $30,000. C. H. Jones, Hall of Records, co. engr.

Calif., San Diego—Common Council plans improving G and 31st Sts., 5,021 cu.yds. embankment, 6,336 cu.yds. excav., 17,971 sq.ft. concrete sidewalks, 3,658 lin.ft. concrete curbing, 5,483 ft. guttering, etc.; also 30th St., 407,532 sq.ft. 5 in. concrete paving, 22,918 sq.ft. concrete sidewalks, 5,423 lin.ft. concrete curbing 5,834 cu.yds. excav., 1,367 yds. embankment, etc. F. A. Rhodes, city engr.

Calif., San Leandro — Soon takes bids improving East 14th St. between west city limits and San Leandro Creek, 77,450 sq.ft. grading, 77,200 sq.ft. 2 in. Warrenite bitulithic on 6 in. concrete and 3 in. macadam, etc. F. A. Nikirk, city engr.

Calif., Venice — Made plans improving Rialto Ave. between Lincoln and Electric Aves., 128,527 sq.ft. grading, 122,310 sq.ft. concrete paving, etc.; also Venice Blvd. between Electric and Lincoln Aves., 116,293 sq.ft. grading, 114,148 sq.ft. 7 in. concrete paving, etc. H. D. Chapman, city engr.

PAVING—TOPEKA, KAN.

Bids were opened by city, May 5, for paving various streets, (A) Kaw Paving Co., 609 New England Bldg., (awarded contract); (B) Globe Construction Co., Wichita; (C) J. Stanton, Leavenworth. The unit bids are as follows:

	A	B	C
58,597 sq.yd. asphaltic concrete paving, 7 in. concrete base	$2.45	$2.50	$2.55
83 sq.yd. 6 in. concrete alley paving	2.75	2.85	2.75
29,384 cu.yd. grading	.90	.95	.90
17,419 cu.yd. grading overhauled 1,000 ft. (per 500 ft.)	.04	.04	.05
31,253 lin.ft. 7x18 in. combined curb and gutter	.86	.87	.85
11,204 lin.ft. combined variable 7-12x18 in. curb and gutter	.97	1.00	1.00
6,350 sq.ft. new cement walk	.20	.20	.22
6,510 sq.ft. cement walk, relaid	.12	.15	.12
14,796 sq.ft. brick walk, relaid	.08	.10	.08
220 vert. ft. new 4 ft. manholes	7.50	9.50	9.50
29 standard cast iron manhole covers	17.00	16.00	16.00
68 standard 3 ft. catchbasins	34.00	35.00	35.00
13 standard 6 ft. catchbasins	50.00	50.00	50.00
6 lin.ft. manholes raised	3.50	4.00	4.00
8 lin.ft. manholes lowered	3.50	2.00	4.00
52 cu.yd reinforced concrete	22.00	23.00	23.00
58 sq.yd. asphaltic concrete paving removed	.20	1.00	.20
60 sq.yd. brick paving relaid, 7 in. concrete base	2.75	3.00	3.00
1,309 lin.ft. curb and gutter removed	.20	.35	.25
1,660 lin.ft. 10 in. vitrified culvert pipe	1.10	1.12	1.20
5,699 lin.ft. 12 in. vitrified culvert pipe	1.20	1.20	1.30
2,351 lin.ft. 15 in. vitrified culvert pipe	2.10	2.00	2.10
677 lin.ft. 18 in. vitrified culvert pipe	2.90	3.10	3.10
125 lin.ft. 36 in. vitrified culvert pipe	9.00	9.00	9.00
60 lin.ft. 2x3 ft. reinforced-concrete sewer	4.50	5.75	6.00
6 standard 3 ft. catchbasins rebuilt	25.00	30.00	30.00
26 lin.ft. corrugated iron culverts removed	1.00	.50	1.00
16,670 lb. ¾ in. reinforcing bars over sewer trench	.05	.05	.06
15 standard 3 ft. catchbasin manholes, complete	60.00	60.00	60.00
2 standard 6 ft. catchbasins manholes, complete	75.00	70.00	70.00
440 lin.ft. 3x5 ft. reinforced concrete box	12.00	11.00	10.50
52 sq.ft. 8 in. brick wall, in place	.50	.60	.50
16 lin.ft. 4 in. I beams in place	1.00	.75	1.00
1 standard 3 ft. catchbasin manhole, less top	35.00	40.00	40.00
Extended totals	$243,750	$249,632	$251,194

Calif., Visalia—Making surveys 9 mi. roadway, from Doyles to Blach Park. L. Moye, Visalia, co. surv.

Calif., Willows—Plans paving 15 blocks various streets. To exceed $25,000. Engineer not selected.

BIDS DESIRED

N. Y., Brooklyn — June 17, by J. A. Guider, boro pres., Boro Hall, restoring and repaving where and when directed in various streets; asphalt repaving Alabama, Greene and Harrison Aves., intersections of Atlantic Ave. with Williams, Alabama, Georgia, Sheffield, New Jersey, Miller and Shepherd Aves., Vermont, Wyona, Bradford, Barbey, Jerome, Cleveland, Elton, Linwood and Essex Sts.; asphalt resurfacing with header method Lewis, Snyder, Tilden and 6th Aves., Rochester Ave. from Pacific to Bergen Sts., and Rochester Ave. from St. Johns Pl. to Eastern Parkway.

N. Y., New York—June 16, by H. Bruckner, pres. Bronx Boro, 3rd and Tremont Ave., grading, curbing sidewalks, etc. on West 180th St., Furman, Cruger and Montgomery Ave.; bituminous concrete paving Davidson Ave. and Giles Pl.

N. Y., Northport—June 16, by Bd. Village Trustees, concrete paving 5,100 ft. Scudder Ave., 4,300 lin.ft. Norwood Ave., and 3,600 lin.ft. Railroad Ave. J. W. Wells, Setauket, civil engr.

N. Y., St. George — June 17, by J. A. Lynch, pres. Richmond Boro, Boro Hall, concrete repaving Hylan Blvd. and Court Pl.

N. Y., Yonkers—June 15, by Westchester Co. Park Comn., 72 Pondfield Rd., Bronxville, excavating, grading and retaining walls, etc., for driveway through Tibbetts Brook Park, here. J. Downer, ch. engr.; adv. E. N.-R. June 11.

N. J., Hopewell—June 16, by Freeholders Mercer Co. (Trenton), concrete paving 6,800 ft. Broad St., 50 ft., here. $118,000. H. F. Harris, Court House, Trenton, engr.

N. J., Plainfield—June 29, by Common Council, sheet asphalt paving, etc. 30,770 sq.yd. South Ave. A. W. Vars, city engr.; adv. E. N.-R. June 11.

Pennsylvania—June 23, by Dept. Highways, Harrisburg, bituminous on concrete or rein.-con. paving 38 mi. roads in Blair, Delaware, Fayette, Forest, Fulton, Huntingdon, Lebanon, Monroe, Schuylkill, Venango and Warren Counties. P. D. Wright, secy.; adv. E. N.-R. June 11.

Md., Baltimore—June 17, by Bd. Awards, grading, curbing and sheet asphalt paving all streets listed in Contr. 288-O. C. L. G. Turner, 214 East Lexington St., engr.

Delaware — July 1, by State Hy. Dept., Dover, grading and concrete paving, etc., 1.06 mi. 6th St., Contr. 54, and 0.447 mi. Washington St., Contr. CN25, both in New Castle, 0.966 mi. Valley Road-Pennsylvania Line, Contr. CN26, 4.87 mi. Christiana-Newark, Contr. CN27, 1.49 mi. Point Breeze School-Faulk Rd., Contr. CN28, and 7 mi. Willow Grove-Maryland Line, Contr. CK28; adv. E. N.-R. June 11.

W. Va., Fayetteville — July 6, by T. Boone, clk. Fayette Co., concrete or macadam surfacing 7 mi. Kincaid-Deepwater Rd., Project K-51, Kanawha Dist.; adv. E. N.-R. June 11.

S. C., Charleston — June 18, at office of Sanitary and Drainage Comn., Charleston Co., grading and concrete paving, etc. 25,000 various streets in St. Andrews Twp.

Georgia—June 26, by State Hy. Dept., East Point, shell or gravel surfacing 24,200 sq.yd. Bryan County Causeway, Federal Aid Project 177. B. P. McWhonter, Savannah, engr. W. R. Neel, highway engr.

Miss., Corinth—June 25, by J. A. Lowe, mayor and Bd. Aldermen, improving Webster, Cass, Madison, Childs, Franklin, Cruise, Waldron and Foote Sts. R. L. Totten, Inc., Brown-Marx Bldg., Birmingham, Ala., consult. engrs.; adv. E. N.-R. June 11.

Miss., Waynesboro—June 15, by Comrs. Wayne Co. at Chancery Clerk's office, grading, gravel surfacing, etc., 18 mi. Waynesboro-Laurel Rd., 18 ft. J. L. Wheless, Hattiesburg, engr. Noted May 21.

O., Akron — June 29, by Bd. Control, asphalt paving Merriman Rd. $40,000-$55,000, Cranz Pl. $30,000, Albion Ave. $60,000, Damon St. $55,500, 6th St. $70,000; improving Madison Ave., $50,000. H. Alcorn, City Hall, engr.

O., Lakewood (Cleveland P. O.)—June 20, grading, sodding, laying walks, driveway and steps, also retaining wall and water lines at Harding Junior High and Hayes Elementary Schools. To Exceed $25,000. C. W. Hopkinson, Rose Bldg., Cleveland engr.

Ind., Muncie—June 15, by Comrs. Delaware Co., Court House, concrete paving 2 in. Shaw Rd., Washington Twp., $20,000; and 1.5 mi. J. W. Dotson Rd., Perry Twp., $12,000, both 25 ft.

Michigan—June 13, by State Hy. Dept. at office Comrs. Iosco Co., Tawas City, graveling 6.41 mi. County Rd. from Hale to Long Lake Rd., 16 ft. Former bids rejected. G. C. Dillman, Lansing, ch. engr. Noted May 14.

Michigan—June 15, by State Hy. Dept. at office Comrs. Hillsdale Co., Hillsdale, graveling 8.674 mi. Assessment Dist. Rd. 248. G. C. Dillman, Lansing, ch. engr.

Michigan—June 15, by State Hy. Dept. at office Charlevoix and Emmet Counties, at Petoskey, concrete paving 0.584 mi. Trunk Line Rd. 11-46, A and B. G. C. Dillman, Lansing, ch. engr.

Michigan—June 18, by State Hy. Dept. at office Comrs. Alger Co., Munising, graveling 5.528 mi. State Trunk Line Rd. 77-1A. G. C. Dillman, Lansing, ch. engr.

Michigan—June 18, by State Hy. Dept. at office Comrs. Huron Co., Pigeon, graveling 4.45 mi. Assessment Dist. Rd. 2. G. C. Dillman, Lansing, ch. engr.

Mich., Port Huron—June 17, by E. C. Fitzpatrick, city clk., concrete paving 21,450 sq.yd. 13th St. from Water to Francis Sts., and from Varney to Minnie Sts. $75,000. E. R. Whitmore, City Hall, engr.

Mich., Royal Oak — June 15, by P. H. Beauvais, city mgr., vibrolithic concrete paving 25,000 sq.yd. Royal Oak St. $75,000.

Illinois—June 23, by Dept. Pub. Wks. & Buildings, Div. Highways, Springfield,

Streets and Roads (Continued)

Portland cement, vitr. brick or bituminous concrete surfacing 0.34 mi. Route 1, Sect. 7-X, Edwards Co., 6.11 mi. Route 3, Sect. 1, Morgan Co., 5.18 mi. Route 3, Sect. 2, Morgan and Cass Counties, 0.2 mi. Route 18, Sect. 15-X, De Kalb Co., 0.23 mi. Route 21, Sect. 6, Lake Co., 5.15 mi. Route 36, Sect. 2, 5.24 mi. Route 36, Sect. 3, and 4.67 mi. Route 36, Sect. 4, all Hancock Co., all foregoing 18 ft. wide; grading 3.39 mi. Route 1, Sect. 43-A, Saline Co., 55,240 cu.yd. excav., 0.76 mi. Route 9, Sect. 30-A, Hancock Co., 16,530 cu.yd. excav., 0.49 mi. Route 13, Sect. 12-D, Jackson Co., 26,230 cu.yd. excav., 8.61 mi. Route 31, Sect. 18-A, Fulton Co., 192,435 cu.yd. excav.; also 15,442 ft. guard fence on Route 1, Sect. 16-G, Lawrence Co. and 18,922 ft. guard fence on Route 12, Sect. 9-G, Clay Co. F. T. Sheets, ch. highway engr.

Ill., Kewanee—June 18, by City Clerk, grading, curbing, sewers, and granite top on rein.-con., rein.-con., brick or Warrenite bitulithic paving 4,020 sq.yd. Beach St., incl. 830 ft. 10 and 12 in. storm sewers, etc.; 2,810 sq.yd. Birch St., incl. 255 ft. 10 and 12 in. storm sewers, etc.; and 4,300 ft. Tremont St., incl. storm sewers, etc. Approximately $40,000. J. G. Palmer, City Hall, engr. Noted Apr. 2.

Kan., Newton—June 16, by A. Martin, city clk., grading, curbing, and brick surfacing 8,217 sq.yd. various streets. Shockley Eng. Co., 800 Graphic Arts Bldg., Kansas City, Mo., engrs. Noted May 28.

Neb., Alma—June 15, by E. E. McKee, city clk., curbing, guttering and paving streets in Dist. 1. $75,000. Bruce & Grupe Eng. Co., 710 Bankers Reserve Life Bldg., Omaha, engrs.

Neb., Stella—June 22, by C. Haskin, city clk., curbing, grading, guttering and gravel surfacing streets in Dist. 1. $36,000.

North Dakota—June 19, by State Hy. Comm. and Comrs. Nelson Co. at Court House, Lakota, graveling, etc., Federal Aid Project 169 AB, from Pekin north 17.5 mi.

Texas — June 29, by State Hy. Comm., Austin, surfacing 1001 mi. State Highway 3, Federal Aid Project 35-A and C, 98,538 sq.yd. 1½ in. triple inverted penetration bituminous macadam topping, $62,000, and 5.13 mi. same road Sect. B, 51,180 sq.yd. bituminous macadam and 7,712 sq.yd. gravel, $57,000, both at Sequin, Guadalupe Co. L. Taylor, Sequin, engr. Noted Dec. 4.

Tex., Jourdanton—June 19, by J. V. Curnutte, engr., Jourdanton, rock asphalt surfacing 16,548 yd. State Highway 2, Federal Aid Project 332, for Atascosa Co. $30,000. Noted June 4.

Oklahoma—June 15, by State Hy. Dept., Oklahoma City, **(F. A. P. means Federal Aid Project)**, grading, etc., 9 mi. Weleetka-Wetumka Rd., F. A. P. 138, Hughes Co. $90,000, 4 mi. Guthrie Rd., F. A. P. 141, Logan Co. $35,000, 9 mi. Orlando Rd., F. A. P. 139, Logan Co. $90,000, 14 mi. Purcell-Paola Rd., F. A. P. 82, McLean Co. $140,000, 11.5 mi. Keystone-Cleveland Rd., F. A. P. 178, Pawnee Co. $135,000, 4.5 mi. Collinsville Rd., F. A. P. 111, Tulsa Co., $45,000; concrete surfacing 5 mi. Henryetta Rd., F. A. P. 168, Okmulgee Co., $115,000, all above 30 ft. wide. J. M. Page, highway engr.

Okla., Clinton — June 19, by W. A. Shouse, city clk., grading and concrete surfacing, etc., 10,350 sq.yd. North 9th and South 7th Sts., $36,300. B. M. Hart, City Hall, Oklahoma City, engr.

Washington — June 23, by State Hy. Comm., Olympia, clearing, grading and surfacing 6.5 mi. State Rd. 1, King Co.; clearing, grading and crushed rock or gravel surfacing, etc., approximately 3 mi. State Rd. 21, Kitsap Co.; clearing, grading, etc., approximately 3.1 mi. State Rd. 8 at Government Slide, Skamania Co., and approximately 3.1 mi. State Rd. 12, Cowlitz Co.; gravel surfacing 8,650 cu.yd. State Rd. 8, Clark and Skamania Counties; crushed gravel surfacing approximately 5.3 mi. State Rd. 2, Kittitas Co. J. W. Hoover, highway engr.

Calif., Los Angeles—June 22, by Supervs. Los Angeles Co., improving 2,588 ft. Anaheim Telegraph Rd., Contr. 246, 413 lin.ft. curbing, 2,572 sq.ft. guttering, 3,297 sq.ft. sidewalks, 20,227 cu.ft. excav., etc. $33,500. G. Jones, Hall of Records, engr. Noted May 14.

Ont., Port Hope — June 15 (extended date), by M. U. Ferguson, city engr., asphalt, concrete or bituminous concrete paving, etc. various streets. $90,000.

Ont., Toronto—June 15, by F. B. Goedike, engr. York Twp., 40 Jarvis St., concrete sidewalks on St. Johns Rd., Short St., Almeda, Ramsden, Arnadale, Schell, Waller, Lessard and Larkin Aves. $25,000.

BIDS RECEIVED

New Hampshire—State Hy. Comn., State House, Concord, May 29, graveling 0.76 mi. highway in Randolf and 0.83 mi. in Colebrook, from T. Melloy, Gorham, $13,555 and $15,290 respectively, 0.71 mi. highway in Newbury, from Peckman Road Corp., Farmington, $8,387; rein.-con. surfacing 1.63 mi. highway in Concord, from Winslow & Cummings, Nashua, $52,280. Noted June 4.

Massachusetts—Dept. Pub. Wks., bituminous macadam surfacing 2,900 ft. highway in Barre, and 2,900 ft. highway in New Braintree, from J. Lorenzie, Leominster, $16,977 and $13,351 respectively, 8,200 ft. highway in Billerica, from Greenough Constr. Co., South Acton, $59,973, 5,150 ft. highway in Dedham, from Reynolds Bros., Inc., 179 Summer St., Boston, $29,579; bituminous concrete surfacing 16,720 ft. highway in Barnstable, from Lane Constr. Corp., Meriden, Conn., $64,200; widening with borrow 12,196 ft. highway in city of Revere and town of Saugus, from M. McDonough, Swampscott, $38,560. Noted June 4.

Mass., Boston—Dept. Pub. Wks., sheet asphalt or bitulithic paving Riverway Rds., from J. C. Coleman & Sons Co., 1620 Tremont St., Roxbury, $60,610.

Mass., Medford — Surfacing Middlesex Fells Parkway, Wellington Bridge Sect., from Rowe Contr. Co., 1215 Centre St., Jamaica Plain, $210,140, engrs. est. $25,000; same parkway, Westerly Roadway Sect., from J. H. Fannon, 28 Hinckley St., Somerville, $21,850, engrs. est. $25,000.

N. Y., Buffalo—From Standard Paving Ltd., Buffalo, Mexican asphalt paving Fenton St. $19,525; from H. P. Burgard Co., 1968 Filmore Ave., standard asphalt paving East Hertel Ave. $37,756, Montcalm St. $8,424, Rapin Pl. $5,200, Stevenson St. $4,720, West Woodside $10,028, Woodside Ave. $16,384; from Rock Asphalt Constr. Co., Morgan Bldg., standard asphalt paving Brinkman St. $28,466, Germania St. $26,529, Holmes Ave. $10,205, Leroy Ave. $87,763, Montana Ave. $28,141, Nevada Ave. $29,633, Stevenson St. $4,720, and Sunset St. $21,601.

New Jersey—State Hy. Dept., Trenton, concrete paving 8,370 sq.yd. Route 5, Sects. 11 and 8A, Warren Co., from W. A. Connell, 722 Garden St., Hoboken, $27,774; 11,866 sq.yd. Route 20, Sect. 3, Gloucester Co., from Freehold Constr. Co., Freehold, $51,091. Noted May 21.

N. J., Newark — Bd. Freeholders Essex Co., grading and rein.-con. paving Clinton Rd., from J. Dorer, 644 Nye Ave., Irvington, $71,318. Engrs. est. $80,000.

Maryland — State Roads Comn., Baltimore, sheet asphalt paving 0.76 mi. Contr. BC-56, Baltimore Co., from Baltimore Asphalt Block & Tile Co., 1320 North Munroe St., Baltimore, $59,658; concrete paving 1 mi. Contr. S-23, Somerset Co., and 1.04 mi. Contr. WO-43, Worcester Co., from St. Michaels Constr. Co., St. Michaels, $24,018 and $27,623 respectively. Noted May 14.

Md., Baltimore—Bd. Awards, sheet asphalt paving 11,370 sq.yd. Contr. 285-OCNA, from Baltimore Asphalt Block & Tile Co., 1320 North Monroe St., $54,428.

Florida — State Rd. Dept., Tallahassee, clearing, grubbing, grading, etc., 10.82 mi. road from Palatka to Clay Co. line, from J. N. Gillis & Son, St. Augustine, $62,394.

O., Cleveland — Cuyahoga Co., paving Story Rd., from Highway Constr. Co., 903 Lorain Co. Bank Bldg., Elyria, macadam $39,354; from Cleveland Trinidad Paving Co., The Arcade, concrete $41,051. Engrs. est. $49,600.

Mich., Detroit — From Detroit Asphalt Paving Co., 909 Free Press Bldg., sheet asphalt paving 18,300 sq.yd. Lakewood Ave., Sect. 2 $81,179, 14,705 sq.yd. Wyoming Ave., Sect. 5 $59,885, 13,880 sq.yd. Wyoming Ave., Sect. 6 $55,613, 2,020 sq.yd. Georgia Ave., Sect. 3 $9,113, 3,540 sq.yd. Georgia Ave., Sect. 4 $16,399, 2,540 sq.yd. Balmoral Ave. $11,479, 928 sq.yd. Wildemere Ave. $4,508, 938 sq.yd. Lucky Pl. $4,614; from Cleveland Trinidad Paving Co., 402 Hammond Bldg., 2,850 sq.yd. Ford Ave., $12,644; from M. R. Hanna Co., 2700 Six Mile Rd., 5,030 sq.yd. McLean Ave. $22,450, 2,550 sq.yd. Penrose Ave. from Bryson to Bauman Sts. $10,365, 4,875 sq.yd. Penrose Ave. from Carmon to alley east of Derby Ave. $20,636, 9,275 sq.yd. La Salle, Ave. $41,484.

Ill., Blue Island — Grading, curbing and concrete surfacing 16,000 sq.yd. various streets, from Central Constr. Co., Chicago Heights, $57,251. Noted May 21.

Ill., Wyoming—Stark Co., grading, curbing and paving West and East Williams and 7th Sts., from H. A. Reschke & Co., Geneseo, $51,662. Engrs. est. $67,000.

Wisconsin—State Hy. Comn., at offices, 1st Natl. Bank Bldg., Superior, clearing, grubbing, bridging and grading 34,868 cu.yd. White River Hill Rd., Federal Aid Project 405-A, Ashland Co., from D. H. Clough & Co., 405 Palladio Bldg., Duluth, Minn., $42,914. Noted May 14.

Wis., Milwaukee—Bd. Pub. Wks., May 27, asphalt resurfacing Chicago, Detroit, Huron, Erie and Buffalo Sts., from H. J. Glover & Son, Schwartz Bldg., Kenosha, $28,709, Wright St. between 45th and 46th Sts., also 44th St. between Clark and Center Sts., from Badger Constr. Co., 97 Wisconsin St., $4,336 and $6,308 respectively; vibrolithic concrete paving 56th St. between Vine St. and Washington Blvd., also concrete paving 1 alley, from A. E. Retzlaff, 868 Island Ave., $6,070 and $2,079 respectively; sheet asphalt paving Graham St. between Russell and Pryor Aves., from White Constr. Co., 68 Wisconsin St., $2,436, grading Lake St. between 23rd and 27th Sts., from E. Radtke, 1405 Louis Ave., $2,432; concrete paving 1 alley each from Bodemann Constr. Co., 691 48th St., $1,280, from Parkinson Constr. Co., 322 27th St., $1,534, from C. H. Slatterly, 584 71st Ave., $3,242, from G. W. Hirth, 1309 7th St., $1,251, from Rybach & Sadowski, 1092 2nd Ave., $3,211, two alleys, from F. W. Blodgett, 521 Newton Ave., $7,887. Noted May 21.

Montana — State Hy. Comn., Helena, May 26, grading and gravel surfacing 6 mi. Flint Creek Rd. between Drummond and Hall, Granite Co., also resurfacing 22.5 mi. Yellowstone Trail, east of Billings, Yellowstone Co., from Fitzgerald & Staunton, Great Falls, $30,383 and $38,400 respectively. Noted May 14.

Missouri—State Hy. Dept., Jefferson City, from C. G. Oglesby, 1856 Union Ave., Memphis, Tenn., grading 1.657 mi. St. Louis-Sikeston Rd., Scott Co. $1,426, 1.629 mi. St. Louis-Sikeston Rd., Cape Girardeau Co., $1,168, from List & Weatherly, 416 Ry. Exch. Bldg., Kansas City, 3.172 mi. St. Joseph-Hannibal Rd., Marion Co. $16,677, 1.932 mi. road from St. Joseph north, Buchanan Co. $18,757, 4.129 mi. Savannah-St. Joseph Rd. $13,764, 4.46 mi. same road $20,027, both in Andrew Co.; from Capitol Constr. Co., 1207 Cherry St., Des Moines, Ia., 18 ft. concrete paving 8.589 mi. Savannah-St. Joseph Rd., Andrew Co. $82,546, 4.163 mi. St. Joseph-Hannibal Rd., Marion Co. $41,759, 1.932 mi. road from St. Joseph north, Buchanan Co. $18,558; from Gaines Bros. Co., Fairland, Okla., 30 ft. grading 8.014 mi. road from Columbia north, Boone Co., $55,289, from Pioneer Constr. Co., 101 New York Life Bldg., Kansas City, 4.88 mi. Jefferson City-Tuscumbia Rd., Miller Co. $34,806, 0.746 mi. Glover-Listerville Rd., Reynolds Co. $7,408, from Service Constr. Co., Poplar Bluff, 9.863 mi. Garwood-Leeper Rd., Reynolds Co. $53,944, from M. E. Gillioz, Monett, 3.766 mi. St. Louis-Springfield Rd. $22,851, 3.649 mi. road from Rolla west, $35,817, both in Phelps Co.; from F. C. Teach, Morroco, Ind., 16 ft. gravel surfacing 8.152 mi. Memphis-Baring Rd., Scotland Co., $82,540, from J. C. Carlson, Macon, 7.936 mi. road from Edina south, Knox Co., $70,145; from Robertson Carmean Constr. Co., Caruthersville, grading 7.313 mi. St. Joseph-Hannibal Rd., $50,455, 18 ft. concrete paving 6.722 mi. St. Joseph-Hannibal Rd., $63,146, both in Marion Co., 1.629 mi. St. Louis-Sikeston Rd., Cape Girardeau Co. $19,345, 1.657 mi. St. Louis-Sikeston Rd., Scott Co., $22,918; from C. Jobe, Clarksburg, 20 ft. gravel surfacing 4.98 mi. Jefferson City-Kansas City Rd., $32,592, 4.95 mi. road from Lipton east and west, $30,979, both in Moniteau Co., from Summerfield Jones Co., Billings, 6.734 mi. road from West Plains east and west, Howell Co., $17,677; from Maney Bros. & Co., Oklahoma City, Okla., and Campbell Bros., Kansas City, 30 ft. grading 1.203 mi. Jefferson City-Tuscumbia Rd., Miller Co., $30,129; from Midwest Eng. Co., Mt. Vernon, Ill., grading and 18 ft. concrete paving 1.411 mi. road from Spikard north, Grundy Co. $16,264, grading and 9 ft. concrete paving 10.576 mi. road from Princeton north and south, Mercer Co., $110,193; from Pittsburg-Des Moines Steel Co., Tuttle and Southwest Sts., Des Moines, Ia., 30 ft. grading Memphis-Baring Rd., Scotland Co., $3,581; from C. P. O'Reilly & Co., Wainwright Bldg., St. Louis, 16 ft. gravel surfacing 4.65 mi. road from Edina south, Knox Co. $34,186, from B. D. McColly & Son, Rensselaer, Ind., 2.306 mi. La Grange-Marion Co. Line Rd., Lewis Co., $27,816; from L. A. Woods Constr. Co., Smithville, 18 ft. gravel surfacing 4.345 mi. road from Mexico east, Audrain Co. $25,962, from Farrell & Doubrouilett, Linn, 4.969 mi. Mexico-Vandalia Rd., Audrain Co., $38,745; from F. Kersting Co., Jefferson City, 20 ft. gravel surfacing 3.706 mi. Jefferson City-Kansas City Rd., Moniteau Co., $30,-

Streets and Roads (Continued)

782; from B. Loyton, Kirksville, grading 2.19 mi. road from Princeton south, Mercer Co., $6,266; from H. Hoffman Constr. Co., Carbondale, Ill., 18 ft. concrete paving 3.651 mi. St. Louis-High Ridge Rd., Jefferson Co. $97,309, from Montague Constr. Co., Fenton, and F. Kersting Co., Jefferson City, 3.891 mi. same road, $103,833; from Pickus Eng. Constr. Co., St. Louis, 3.891 mi. same road, $11,460, from List & Hallett, Kansas City, 3.651 mi. same road, $63,527. Noted May 14.

Ark., Arkadelphia—City, May 25, grading, curbing and surfacing various streets in Paving Dist. 2, from P. H. Connelly Paving Co., Southern Trust Bldg., Little Rock, oil asphalt, $70,692; from G. W. Nichols, Hot Springs, concrete, $71,308; from Kugen & Hansen, Ottawa, Kan., brick, $77,500. Noted May 21.

Tex., Anderson — Grimes Co. grading, bridging, etc., 6.71 mi. State Highway 6, Federal Aid Project 471 B, from Womack Constr. Co., Sherman, $57,068. Engrs. est. $65,000.

Tex., El Paso — El Paso Co., grading, widening and surfacing Federal Aid Project 439-E, 18 ft., from El Paso Bitulithic Co., Peidras R.R. tracks, $283,896. Noted Apr. 30.

Tex., Laredo—Webb Co. grading, curbing, guttering, bridging, concrete paving underpass 10.78 mi. State Highway 12 A, Federal Aid Project 436 A, from H. B. Zachary, Laredo, $80,884. Engrs. est. $89,950.

Tex., Linden—Cass Co. clearing, grubbing, grading, bridging, etc., 6.8 mi. State Highway 48, Federal Aid Project 457-C, 26 ft., 76,964 lb. reinforcing, etc., from G. G. and C. W. Burgess, Iowa Park, $57,789. Engrs. est. $69,275. Noted May 7.

Okla., Ponca City—Grading, curbing and vertical fibre brick surfacing 17,360 sq.yd. South Ave., from R. H. Baldwin, 109 East Grand Ave., $84,188. Engrs. est. $90,000. Noted Apr. 30.

Wash., Seattle — Bd. Pub. Wks., from Loveberry & Watson, 102 West Boston St., improving 12th Ave. et al., 2,200 lin.ft. concrete sidewalks at $1.50 per ft., 60,500 cu. yd. excav. $0.53, etc., total $172,911. Engrs. est. $169,787.

Calif., Alhambra — Curbing, sidewalks and asphaltic concrete paving 300,715 sq.ft. Main St. between Wilton Ave. and Fremont St., from G. H. Oswald, 366 East 58th St., Los Angeles, $82,895; concrete paving, etc. 324,332 sq.ft. Main St. between Wilton Ave. and east city limits, from O. U. Miracle, 227 Avenue D, Redondo Beach, $85,745. Noted May 28.

Calif., Oakland—From Oakland Paving Co., 5000 Bdway., Oakland, East 14th St., etc. 1,049,184 sq.ft. grading at $0.05 per sq.ft. 1,014,959 sq.ft. 2 in. Warrenite bitulithic on concrete paving $0.285, etc. total $449,051.

Calif., Redwood City — For 5 in. vibrolithic concrete paving 197,000 ft. El Camino Real, from W. A. Dontanville, Box 65, Salinas, $54,830.

Calif., San Bernardino—San Bernardino improving road from Santa Ana to Redlands 3 mi. concrete paving, and 2.5 mi. asphaltic concrete surfacing, etc., from Basich Bros., 3783 South Vermont St., Los Angeles, $119,879.

Calif., San Diego—Common Council, from G. R. Daly, 4430 Boundary St., improving Couts, Bandini and Orizaba Sts., 675 cu.yd. $1.10 per cu.yd., 913 cu.yd. embankment $1.10, 97,354 sq.ft. 4 in. asphaltic concrete paving $0.159, 3,821 lin.ft. concrete curbing $0.65; 18,744 sq.ft. concrete sidewalk, $0.22, total $26,242.

Calif., Santa Barbara — Santa Barbara Co., paving 2.4 mi. road from end Lompoc-Harris Rd. to present Harris Sta., from Southwest Paving Co., Washington Bldg., Los Angeles, $37,770.

CONTRACTS AWARDED

Conn., Hartford—Concrete paving 3,630 sq.yd. Ridgefield St., and rein.-con. paving 6,120 sq.yd. Westbourne Parkway, to Immick Co., State St., Meriden, $39,241. Noted June 4.

N. Y., Long Island City —M. E. Connolly, pres. Queens, Queens Subway Bldg., to grading, curbing and sidewalks on Bway. to Gifford Constr. Co., Fulton St., Jamaica, $13,260, Delta Pl. and Folsom Ave., to Highways Impvt. & Repair Co., 50 Church St., New York City, $16,807 and $21,181 respectively, Pulaski St., to C. Kurth, 9519 126th St., Richmond Hill, $7,955; grading sidewalks, etc., on 44th Ave., to Peace Bros., Inc., 20 Main St., Flushing, $1,962; grading, curbing, sidewalks on Beach 90th St., to J. D'Amata, Rockaway Beach, $8,783. Noted June 4.

N. Y., New York—J. Miller, pres. Manhattan Boro, Municipal Bldg., sheet asphalt paving 135th St., to Asphalt Constr. Co., 208 Bway., $104,904; granite block repaving Canal St., to J. Meehan & Son, 74 Cortlandt St., $54,976. Noted June 4.

N. Y., St. George — J. A. Lynch, pres. Richmond Boro, Boro Hall, bituminous concrete repaving Richmond Rd., to J. E. Donovan, 2205 Richmond Terrace, Port Richmond, $13,743. Noted June 4.

N. J., Perth Amboy—Asphalt block paving Washington St., to Standard Bitulithic Co., 50 Church St., New York City, $28,403.

Pa., Phila. — Bureau Hys., Dept. Pub. Wks., to T. C. Flannagan, 531 East Girard St., grading Belden, Englewood, Fanshawe, Frantenac, Godfrey, Kerper, Knorr, Large, Loretta, Princeton, Summerdale, Tyson and Unruh Sts. $49,926, Fanshawe, Gilham, Hellerman, Levick, Magee and Tabor Sts. $9,726, Shelmire and Whitaker Sts. $4,593, to T. Conner, 3621 North 5th St., Cambridge, Linden and Torresdale Sts. $14,943, to T. P. Lee, 5629 Cherry St., Malvern and 66th Sts. $2,401, Montgomery St. $8,100, to F. Mark Contg. Co., 2820 North 21st St., Phil-Ellena St. $7,437, to McCarrick Bros., 3138 North 24th St., 20th St. $9,277; to Mack Paving & Constr. Co., Nicetown Lane and Luzerne St., asphalt paving Boyer, Blakemore and Hortter Sts. $39,441, to Union Paving Co., 30th and Locust Sts., Buist St. $8,416, Montana St. $9,944, 65th St. $15,246, to Eastern Asphalt Co., 1504 Pennsylvania Bldg., Edgemore St. $9,033, Montgomery St. $4,843, to Barber Asphalt Co., 739 North 30th St., Fairhill and Wingohocking Sts. $6,279, Upland Way $21,934, Weatham St. $6,824, 71st St. $3,635; to United Paving Co., Real Estate Trust Bldg., redressed granite block paving York Rd. $12,647, to C. G. Centrone, Jefferson Bldg., 2nd St. $21,302; to Municipal Paving Co., 702 Catherine St., grading, paving and improving Rising Sun St. $127,786; to Fish-Rutherford Co., 2313 Walnut St., country road improving, Fairthorne, Ivins, Lawnton, Mathias, Parker, Penchin and Pembrook Sts., $29,141; to Vare Constr. Co., 1120 Race St., grading Pattison and 7th Sts., $395,810. Grand total $818,684.

Maryland — State Roads Comn., Baltimore, graveling 1.25 mi. Contr. S. M.-34, St. Marys Co., and 2 mi. Contr. P-57, Prince George Co., to St. Marys Constr. Co., Mechanicsville, $8,764 and $17,950 respectively, 1.5 mi. Contr. SM-33, St. Marys Co., to T. B. Lewis & Son, Hyattsville, $11,959; sheet asphalt paving 0.73 mi. Contr. BC-55, Baltimore Co., P. Flanigan & Sons, Harford Rd. and Baltimore and Ohio R.R., $85,996; concrete paving 0.5 mi. Contr. WI-31 Wicomico Co., to St. Michaels Constr. Co., St. Michaels, $11,177; concrete shoulders on 4.15 mi. Contr. CE-11 A, Cecil Co., the Broad Creek Constr. Co., Elkton, $17,270; 2.5 mi. Contr. A-2-A, Allegany Co., to T. D. Claiborne Co., Garrett Bldg., Baltimore, $20,803, 1.2 mi. Constr. M-141-B, Montgomery Co., to Patapsco Eng. & Constr. Co., New Amsterdam Bldg., Baltimore, $14,194, 8 mi. Contr. WI-6-A, Wicomico Co., to Hannemann-Burroughs Co., Salisbury, $37,788, 4.25 mi. Constr. F-5-A, Frederick Co., to Poffenberger & Mause, Meyersville, $41,615, 4.5 mi. Contr. T-2-A, Talbot Co., to J. K. Flick, Sudlersville, $46,035, and 4.75 mi. Contr. M-3-A, Montgomery Co., to Cranfrod Co., 3056 St., Wash., D. C., $44,253. Grand total $357,804.

Md., Baltimore — Bd. Awards, grading and sheet asphalt paving 17,900 sq.yd. Contr. 283-OA, to Amer. Paving & Contg. Co., Montebello Ave., $86,940; granite block paving, etc., Contr. 284-OC, to Arundel Constr. Co., Knickerbocker Bldg., $31,575. Noted May 28.

North Carolina — State Hy. Comn., Raleigh, grading and concrete paving, etc., 11.9 mi. Project 953-B, Jackson Co., to E. T. Belote, Asheville, $322,548. 8.07 mi. Project 967, Macon Co., to Wilson Constr. Co., Rutherfordton, $233,650; grading and asphalt on concrete paving, etc., 9.3 mi. Project 660, Mecklenburg Co., to Noll Constr. Co., Charlotte, $305,509. Grand total $861,707. Noted May 21.

South Carolina—See "Bridges."

Fla., Tampa—Hillsborough Co. rein.-con. paving El Prado Blvd., to Rickets & Haworth, Tampa, $120,000.

Miss., Jackson—Improving Fortification, Monument, Pascagouia, Roach, Amite, North State, Mill Sts., etc., 64,817 ft. 8 in. curbing and guttering, 36,393 sq.yd. paving, 5,950 ft. back gutter, 10,708 ft. 4 in. tile drain, and 13,870 cu.yd. grading, to Hays & Lewis, Jackson, $98,971.

La., Homer — Claiborne Parish grading and gravel surfacing 6.5 mi. Junction City-Homer Highway, 18 ft., to L. M. Wimberly & Co., Arcadia.

La., Minden — Grading, curbing and paving with 1-2-3 concrete mix 2 alleys, Monroe and Pearl Sts., to McGuire & Cavender, Minden, $2.44 per sq.yd.

O., Akron — Grading, curbing, laying sidewalks and vitr. brick paving 5,100 sq. yd. Merriman Rd., and 3,870 sq.yd. Ecton Rd., to T. E. McShaffrey Constr. Co., 173 South Forge St., $24,988 and $27,674 respectively. Engrs. est. $31,700 and $35,500 respectively. Noted June 4.

O., Bexley (Columbus P. O.) — S. W. Roderick, village clk., to A. G. Pugh, 401 Commerce Bldg., grading and asphalt paving, etc., 700 ft. Meadow Park Ave. $11,982, 1,650 ft. Remington Rd. $24,436, 2,360 ft. Brentwood Rd. $27,168, 2,500 ft. Cassingham Rd. $32,761, 2,500 ft. Montrose Ave. $36,921, 1,650 ft. Roche Ave. $22,919, and 1,600 ft. Vernon Ave. $21,743, all foregoing 24 ft. Grand total $177,930. Noted May 21.

O., Cleveland—To Winterbottom & Connelly, 1406 West 25th St., grading, curbing, guttering and brick paving Granby Ave. $15,334, to Bentley Bros., 3030 Euclid Ave., East 133rd St. $9,514, to H. G. Herring, Pavers Exchange, asphalt paving, etc., Wickford Rd. $20,578, to Enterprise Paving & Constr. Co., 8444 Bway., Ella Ave. $8,354, to Highway Constr. Co., 903 Lorain Co. Bank Bldg., Elyria, West 169th St. $10,625, Nelson Ave. $51,564, Melzer Ave. $30,525, Lardet Ave. $22,231, Ernest Ave. $7,396, to Roehl Bros., 7002 Denison Ave., West 127th St. $14,779, brick paving, etc., West 126th St. $14,775, Erin Ave. $14,396, to Baldwin Bros., 4500 Euclid Ave., St. Clair Ave. from East 140th to East 152nd Sts. $75,019, to River Constr. Co., 2402 Mapleside Rd., St. Clair Ave. from London to Nottingham Rds. $66,043. Grand total $361,133. Noted June 4.

O., Columbus—W. H. Duffy, dir. Pub. Serv., to Federal Paving Co., 996 McAllister Ave., grading, laying necessary water services and sewer connections and concrete paving, 193 ft. alley West Bruck St. $1,266, 332 ft. alley North 8th Ave. $1,919, 197 ft. alley north 3rd Ave. $1,366, to R. J. Dienst, 480 South 5th St., 669 ft. alley west Champion Ave. $3,741, 876 ft. Town St. $27,235, 1,100 ft. 2nd alley west Galloway Ave. $5,961, to Yale Ave. Constr. Co., 146 Yale Ave., 659 ft. alley north 2nd Ave. $5,470, 678 ft. alley north 3rd Ave. $6,306; to Cleveland Trinidad Paving Co., Grand Theatre Bldg., asphalt paving, etc. 1,308 ft. Chapel St. $14,394, 4,556 ft. Livingston Ave. $70,401, to Franklin Asphalt Paving Co., 209 South High St., 728 ft. Hinman Ave. $9,900, 3,381 ft. Reinhard Ave. $39,455, 1,230 ft. Thurman Ave. $27,106, 3,110 ft. Wilson Ave. $53,362; to A. W. Burns Constr. Co., 316 South High St., asphalt widening, 909 ft. Gay St., $18,190, brick widening Park St. $16,067, paving 1406 ft. Milton Ave., $14,730. Grand total $316,869. Noted May 12.

O., Garfield Heights (Cleveland P. O.)—brick and asphaltic concrete paving 7 streets, to Thorpe Constr. Co., 3280 Scranton Rd., Cleveland, $150,390.

O., Rocky River—Asphaltic concrete on concrete paving 11,000 sq.yd. various streets, to Ohio Eng. Co., Lorain, $42,231. Noted June 4.

O., Youngstown—City (**e. e. means engrs. est.**), to V. Olson, 508 Mahoning Bank Bldg., paving Edwards Ave., $29,135 e. e. $29,000, Clinton Ave., $26,796 e. e. $26,000, West Evergreen Ave. $27,316 e. e. $30,000, resurfacing East Rayen St., $27,216 e. e. $30,000, Ellenwood Ave., $25,738 e. e. $30,000; to M. Green & Son, Youngstown, paving Judson Ave., $27,305 e. e. $28,000, Sherwood Ave., $26,472 e. e. $28,000, Brentwood Ave., $25,087 e. e. $28,000, to Keely & Meyer, Youngstown, Avondale Ave., $26,223 e. e. $28,000, resurfacing East Delason Ave., $26,561 e. e. $30,000; to E. Piora, Youngstown, improving Concord Ave., $28,010 e. e. $30,000, paving Lenox St., $25,032 e. e. $30,000; to L. Tiberio, Youngstown, Idlewood Ave., $26,880 e. e. $28,000; to E. J. Kane, Youngstown, resurfacing Hazelwood Ave., $26,037 e. e. $30,000. Grand total $373,807.

Michigan—State Hy. Dept., Lansing, will pave with concrete 1.755 mi. Federal Aid Project 95-F, Lenawee Co., 13.953 mi. Federal Aid Project 95-D, Lenawee and Washtenaw Counties, 0.246 mi. Federal Aid Project 95-E, Lenawee Co., and 3.99 mi. Federal Aid Project 146-B, Ingham Co., by day labor. G. C. Dillman, ch. engr.

Michigan — State Hy. Dept. at office Comrs., Shiawassee Co., Corunna, concrete paving 1.477 mi. State Trunk Line Rd. 47-11 C, and 2.652 mi. Trunk Line Rd. 47-11 B, to J. C. Stewart Co., Owosso, $47,959 and $78,786 respectively.

Michigan — Bd. Comrs. Baraga Co., L'Anse, graveling 9.282 mi. State Trunk

Streets and Roads (Continued)

Line Rd. 69-4, to C. M. Straavaldsen, Madison, Wis., $50,541. Noted May 7.

Wis., Watertown — F. Weber, city clk., grading, curbing, guttering, and rein.-con. paving 6,783 sq.yd. 3rd St., and 5,090 sq.yd. Water St., to Lehman Bros., Watertown, $29,553. Noted May 28.

Wis., Merrill — H. R. Allen, city clk., vibrolithic concrete paving, etc. 20,000 sq.yd. various streets, to C. T. Welsh Paving Corp., 703 1st Natl. Soo Line Bldg., Minneapolis. Noted Apr. 28.

Wis., Milwaukee—Dept. Pub Wks., grading etc. grounds at Riverside pumping station, to R. H. Gumz, 831 13th Ave., $49,-867. Noted May 21.

Ia., Cedar Rapids — City, concrete surfacing, etc. 4,688 sq.yd. 11th St. W. and Hinkley Ave., to Hahn Constr. Co., 1105 12th Ave. W., $11,082; brick surfacing 2,410 sq.yd. 2nd St. W. and 7th Ave., also 2,730 sq.yd. 1st St. to Ford Paving Co., 208 2nd Ave., $7,700 and $9,251 respectively. Noted May 21. Grand total $28,033.

Ia., Ft. Dodge — Webster Co., primary road jobs, incl. 9,250 yd. gravel 1 mi. haul, 3,500 yd. crushed gravel 1 mi. haul, 116,125 additional ½ mi. hauls, 3,250 yd. stripping, 1,500 yd. gravel f.o.b. Duncombe and 450 yd. f.o.b. Harcourt, to A. J. Fleckenstein, Independence, $24,387, Kaiser Gravel Co., Pocahontas, $1,054 and Johnston Clay Wks., Clay Works, $3,647.

Ia., Grundy Center—Grundy Co. improving 28 mi. various roads, grading and gravel surfacing 2 sections, to G. E. Sargent & Co., Hampton, $18,287, Div. 3, to Wilder & Wilder, Iowa Falls, $5,044; 2,228 yd. gravel, to Ideal Sand & Gravel Co., Mason City, $6,864, and 2,000 yd. overhaul, to J. H. Heldt & Co., Everly, $800.

Ia., Logan—Harrison Co., grading, etc., 11.855 mi. Mondomin Rd., Federal Aid Project 228, to G. W. Condon, 510 Farnam Bldg., Omaha, Neb., $38,000. Noted May 7.

Ia., Muscatine—Curbing, guttering and 6 in. concrete surfacing about 17,280 sq.yd. various streets, to W. I. Nusser, Iowa City, $55,327.

Ia., Remsen — A. Paschke, city clk., guttering, curbing, and 6 in. rein.-con paving 38,000 sq.yds. various streets to Western Asphalt Paving Corp., 1st and Nebraska Sts., Sioux City, $102,403. Noted May 21.

Ia., Sioux City—To Booth & Olson Paving Co., 120 Virginia Ave., concrete surfacing 2,817 sq.yd. Macomb St. at $1.90 per sq.yd., 2,316 sq.yd. 25th St. at $1.90, and 1,180 sq.yd. alley in Block 118, at $1.95; to Harrington & Jorgenson, 2200 South Patterson St., 13,400 yd. concrete sidewalks at $0.1725; to Cady & Savonell, 1312 24th St., 1,320 ft. 8 in. sanitary sewers in 7th St. at $0.85. Noted Apr. 2.

Ia., Spencer — Clay Co., 508,400 sq.yd. gravel surfacing and 238,475 units overhaul, on various streets, to H. J. Heldt & Co., Everly, $25,530.

Neb., Geneva — State Dept. Pub. Wks., Lincoln, 3 in. gravel surfacing 154,700 yd. various streets, here, to Koehler Coal & Lumber Co., Sterling, at $0.2414 per sq.yd.

Neb., Minden—Grading, curbing, guttering and vibrolithic concrete paving approximately 10,220 sq.yd. various streets in Dists. 5 and 6, to Abel Constr. Co., 318 Terminal Bldg., Lincoln, $2.29 per sq.yd.

South Dakota—State Hy. Comn., Pierre, **(F. A. P. means Federal Aid Project)**, to Tobin & Maloney, Madison, grading, etc., 7.1 mi. F. A. P. 170-F, Minnehaha Co., 9,271 lb. reinforcing, etc., $15,374, 15.09 mi. F. A. P. 196-A, Aurora Co., 43,110 lb. reinforcing, $35,786, graveling 14.7 mi. F. A. P. 185-D, Jackson Co., 17,873 cu.yd. gravel, $31,594; to Northwestern Eng. Co., Kadoka, grading 12.47 mi. F. A. P. 177-B, Pennington Co., 71,684 lb. reinforcing, $43,793, to W. R. Larson, 519 Secy. Natl. Bank Bldg., Sioux Falls, 17.5 mi. F. A. P. 178-B and 200-A, Hutchinson Co., 29,087 lb. reinforcing $37,618, to Dowd Bros. & Schreiber, Watertown, 18.22 mi. F. A. P. 191-D, Clark Co., 34,797 lb. reinforcing, etc., $44,187; to Sheehan & Joyce, Sioux Falls, graveling 10.07 mi. F. A. P. 158-A, Clay Co., 15,103 cu.yd. gravel $11,916, 11.13 mi. F. A. P. 170-E, Turner-Minnehaha Co., 16,698 cu.yd. gravel $9,351, to R. R. Wiley, Summit, 7.76 mi. F. A. P. 14-A and B, Stanley Co., 11,-657 cu.yd. gravel, $9,643, 15.59 mi. F. A. P. 95-A, 23,391 cu.yd. gravel $22,975, 8.3 mi. F. A. P. 95-C, 12,443 cu.yd. gravel, etc., $24,677, both Faulk Co., 6.85 mi. F. A. P. 117, 10,273 cu.yd. gravel $6,189, 11.21 mi. F. A. P. 162-A, 16,810 cu.yd. gravel $13,571, 6.91 mi. F. A. P. 162-B, 10,356 cu.yd. gravel $6,949, all Haakon Co., 18.56 mi. F. A. P. 183-A, Beadle Co., 27,832 cu.yd. gravel $19,-395, to H. Pickus Constr., Sioux City, Ia., 11.51 mi. F. A. P. 179, Deuel Co., 17,265 cu.yd. gravel, etc., $10,806. Grand total, $343,824. Noted May 21.

S. D., Timber Lake—Dewey Co., grading about 100,000 cu.yd. in county project south from Eagle Butte, to Stevens Bros., 612 Endicott Bldg., St. Paul, Minn., $0.34 per cu.yd. for earth, $1.25 for loose rock and $2.25 for solid rock.

Ark., Texarkana — Comrs. Impvt. Dist. 32, grading, curbing and 2 in. asphalt paving 12 blocks Ferguson Ave., to Gregory & Wilson, Southern Trust Bldg., Little Rock, Ark., $34,000.

Tex., Angleton—Brazoria Co. shell surfacing 17,259 cu.yd. State Highway 19, Federal Aid Project 367-B, and improving 6.59 mi. State Highway 19, Federal Aid Project 267-A, 10,464 cu.yd. shell and 6,783 cu. yd. rock, to M. M. Craver & Son, Missouri City, $11,926 and $6,183 respectively; furnishing shell for above roads, to Culver Shell & Dredging Co., Matagorda, $25,252 and $15,278 respectively. Grand total $58,-639. Engrs. ests. $101,690 and $48,415 respectively.

Tex., Brenham—Washington Co., grading, bridging, etc., 12 mi. Independence Rd., 24 ft., 1,578 cu.yd. concrete, 152,598 lb. reinforcing, etc., to H. J. Evans, 500 West 15th St., Austin, $29,174, and B. H. Faber & W. C. Swindell, Houston, $47,659.

Tex., Floresville — Bituminous paving 12.12 mi. Federal Aid Project 440-A, 18 ft., to W. T. Montgomery, Alamo Natl. Bank Bldg., San Antonio, $223,000. Noted Feb. 5.

Tex., Houston — Paving La Branch St. from Holman Ave. to city limits, to Gulf Bitulithic Co., 801 Bankers Mortgage Bldg., $78,396, engrs est. $80,000; also 6th St., to Scott Shambaugh, 1401 Dowling St., $57,-844, engrs. est. $60,000.

Tex., Sweetwater—Nolan Co., grading, bridging and bituminous on gravel sledge stone and crushed rock surfacing 7.61 mi. State Highway 70, State Aid Project 543-1, 16 ft., 56,718 gal. asphalt, 11,345 cu.yd. sledge stone, 27,970 lb. reinforcing, etc., to C. C. O'Neal, 4425 Glenwood St., Dallas, $92,568. Engrs. est. $116,703. Noted Apr. 30.

Oklahoma — State Hy. Dept., Oklahoma City, grading, bridging, etc., 11.21 mi. Claremore-Collinsville Highway, 30 ft., Rogers Co., 77,360 cu.yd. earth and 1,845 cu.yd. rock excav., 9.65 tons reinforcing, etc., and 5.62 mi. same road, Sects. B and C, 33,311 cu.yd. earth and 865 cu.yd. rock excav., 5.38 tons reinforcing, etc., to Hamilton Constr. Co., Bartlesville, $50,638 and $33,011 respectively, engrs. est. $61,000 and $38,000 respectively; gravel surfacing 6 400 sq.yd. Garfield Co. Rd., Project 1, to Troy Gravel Co., Purcell, $25,232, engrs. est. $27,000. Grand total $108,881.

Okla., Claremore—To Hamilton Constr. Co., Bartlesville, improving 11.217 mi. Claremore-Collinsville and Iron Mountain Rds., Sect. A, Tulsa Co. line to River $50,-638, Sect. B, River to Claremore $14,253, and Sect. C, Iron Mountain Route $18,758. Grand total $83,650.

Okla., Lindsay — Grading and vertical fibre brick surfacing 13,660 sq.yd. Main St., to Cook & Cone, Ottawa, Kan., $55,040. Engrs. est. $56,316. Noted May 14.

Okla., Mangum — Grading and concrete surfacing 11,675 sq.yd. Jefferson and Price Sts., to T. E. Ward, 4401 Classen St., Oklahoma City, $30,110. Engrs. est. $35,-000. Noted May 7.

Okla., Tulsa — City, curbing, guttering and surfacing 4,140 sq.yd. Dist. 642, and 11,319 sq.yd. Dist. 643, to Tibbetts & Pleasants, 209 North Nogales St., $23,214 and $63,525 respectively; 1,839 sq.yd. Dist. 635, to Standard Paving Co., 1740 East 6th St., $7,745; 7,936 ft. 8 in. vitr. clay sewers in Dist. 220, to E. G. Fike & Co., Tulsa, $21,037.

Idaho—Commissioner Pub. Wks., Boise, grading and crushed gravel surfacing, etc., 12,593 cu.yd. Old Oregon Trail Highway, Federal Aid Project 91-A, Ada Co., to H. E. Cornell, 1403 Warm Springs Ave., Boise. Noted May 14.

Wash., Raymond—Paving 6 blocks West Commercial, 1st, Alder, and Ocean Aves., to Philbrick & Nicholson, Aberdeen, $57,623. Engrs. est. $58,400.

Wash., Seattle—Bd. Pub. Wks., paving, etc. Edmunds St. et al, to F. N. Badolato, P. O. Box 561, Seattle, $44,677. Engrs. est. $44,696.

Ore., Pendleton—Grading and paving 5 blocks Market Gulch Rd., 28 ft., to J. K. Shotwell, Spokane, Wash., $27,915.

Calif., Alhambra—Curbing, guttering and asphaltic concrete paving 300,715 sq.ft. Main St. between Wilton Ave. and Fremont St., to G. H. Oswald, 366 East 58th St., Los Angeles, $82,886; paving, guttering, $324,-332 sq.ft. Main St. between Wilton Ave. and east city limits, to O. U. Miracle, 2[illegible] Avenue D, Redondo Beach, $85,747.

Calif., Fullerton—Curbing and 4½ in. asphaltic concrete paving, etc. North Richmond St., to S. Finley, 204 East 4th St., Santa Ana, $27,015.

Calif., Glendora—To Pearson & Dickerson, Riverside, improving Alosta Ave., 359,500 sq.ft. 4 in. oil macadam paving $0.075 per sq.ft. 473,475 sq.ft. grading $0.013333, etc., total $39,775. Noted May 21.

Calif., Los Angeles—City **(e. e. means engrs. est.)** sheet asphalt and bituminous asphaltic concrete paving Vermont Ave. to J. Mullarkey, 8435 South Vermont Ave., $112,427, e. e. $131,473; grading and paving 4,000 ft. Melrose Ave., to Tryon & Brain, 201 Tajo Bldg., $77,040, e. e. $88,078; oil macadam surfacing, London St., on La Fayette Park Pl. Impvt. Dist., to F. E. Law, 750 South Figueroa St., $6,491, e. e. $7,821. Noted June 4.

Calif., Marysville—Curbing, guttering, 1½ in. Warrenite bithulithic on 2½ in. asphaltic concrete surfacing 290,000 sq.ft. C. 9th 13th, Oak, High Sts., etc., to Warren Constr. Co., 28th and Poplar Sts., Oakland, $75,085. Noted June 4.

Calif., San Bruno—Grading Willite surfacing, sidewalks, etc. on 305,000 sq.ft., Lincoln, Polar, Elm, Acacia, Cypress Sts., etc., to Federal Paving Co., Standard Oil Bldg., San Francisco, $228,495. Noted June 4.

Calif., Santa Ana—To Griffith Co., Railway Bldg., Los Angeles, improving West Washington St. between Lowell and Artesia Sts., 460,657 sq.ft. concrete paving $0.164 per sq.ft., 20,175 ft. curbing $0.42, 38,668 sq.ft. 3 in. sidewalk $0.16, total approximately $99,556.

Calif., Santa Monica—Widening and installing electrolier system in 5th St., to Kneen Paving Co., Dudley Blk., Santa Monica, $37,225.

Calif., Taft — Curbing, guttering, and Warrenite bitulithic paving 147,247 cu.ft. Kern St. between 2nd and 8th Sts., to A. J. Croker Co., 58 2nd St., San Francisco, $48,-402. Noted May 28.

Ontario—Dept. Pub. Highways, 110 University Ave., Toronto, bituminous penetration macadam paving 5.08 mi. Contr. 1173, to A. E. Jupp Constr. Co., 170 Berkley St., Toronto, $100,000, 2.3 mi. Contr. 1195, to J. P. McQuigg, Arnprior, $50,000; macadam paving 3.73 mi. Contr. 1198, to McLean & Stidwell, Cornwall, $60,000, 7.78 mi. Contr. 1200, to McGinnis & O'Connor, Kingston, $90,000, 4 mi. Contr. 1201, to Orr & Clark, 121 Carlaw Ave., Toronto, $60,000; concrete paving 5.06 mi. Contr. 1183, to Highway Paving Co., foot Bathurst St., Toronto, $150,000, 7 mi. Contr. 1185, to Paving & Mastic Co. Ltd., 222 Federal Bldg., Toronto $200,000, 5 mi. Contr. 1187, to Dufferin Constr. Co., foot Bathurst St. $150,000, 9.17 mi. Contr. 1192, to Boss & Brazier, Woodmen of the World Bldg., London, $275,000. Grand total $1,135,000.

Ont., Barrie—City Council, concrete paving Essa and Burton Aves., to Brennan Paving Co., 100 Melrose Ave., Hamilton. Engrs. est. $40,000.

Buildings—Industrial

PROPOSED WORK

Mass., Boston—PLANT—Knickerbocker Ice Co., C. E. Small, 41 East 42nd St., New York City, having preliminary plans prepared ice plant, here. Private plans.

Mass., Pittsfield — MILL — Pontoosic Woolen Co., plans woolen mill. To exceed $40,000. C. T. Main, 200 Devonshire St., Boston, engr.

Mass., Quincy (Boston P. O.)—FACTORY—Conrad Shoe Co., 68 Perkins Ave., Brockton, plans 2 story, 150,000 sq.ft. floor space, brick and timber factory, here. $225,000. Lockwood, Greene & Co., 24 Federal St., Boston, engrs.

N. Y., Ilion — PLANT — Remington Typewriter Co., 374 Bway., New York City, having plans prepared by Kinne & Frank, archts. and engrs., 7 Hopper St., Utica, 4 story, rein.-con., brick and steel addition, plain foundation, here. $200,000.

N. Y., Long Island City—FACTORY—Steiner Electric Co., 590 Northern Blvd., Astoria, soon takes bids 1 story, rein.-con., brick and steel addition, plain foundation, here. $60,000. J. Baker, 4 Jackson Ave., archt. and engr.

N. Y., New York—SERVICE—Margan & Glaser, engrs. and archts., 2804 3rd Ave., preparing plans 5 story, 25 x 110 ft., rein.-con., brick and steel, plain foundation, 208

Buildings—Industrial (Continued)

West 77th St. $80,000. Owner's name withheld.

N. Y., New York — SERVICE and GARAGE—H. Bergman, archt., 441 Lexington Ave., preparing plans 2 story, 75 x 200 ft., rein.-con., brick and steel, plain foundation, 430 East 48th St. $100,000. Owner's name withheld.

N. Y., New York — SERVICE and REPAIR GARAGE—M. Thompson, archt. and engr., 200 Montague St., Brooklyn, preparing plans 4 story, 75 x 100 ft., rein.-con., brick and steel, plain foundation, 342 West 41st St., here. $100,000. Owner's name withheld.

Pa., Erie—PLANT—Erie Enameling Co., 16th and Cascade Sts., having plans prepared 1 story, 120 x 140 ft., brick and steel addition, 19th St. Private plans.

Pa., Homestead — STORAGE — Carnegie Steel Co., Carnegie Bldg., Pittsburgh, having preliminary plans prepared by Carnegie Land Co., 365 Frick Annex, Pittsburgh, 2 story 50 x 110 ft., steel and concrete storage building here. $150,000.

Pa., Monaca—FACTORY—Colona Mfg. Co., having plans prepared 1 story, 80 x 176 ft., brick and steel addition. $100,000. Private plans.

Pa., Phila. — FACTORY — Queen City Printing Ink Co., 11th and Hamilton Sts., having plans prepared by H. B. Weldon, 1817 Callowhill St., 1 story and basement, 60 x 160 ft., brick, plain foundation. $40,000.

W. Va., Withers — PLANT — South Pennsylvania Oil Co., Union Trust Bldg., Charleston, having plans prepared 1 story, 75 x 150 ft., and 40 x 40 ft., gasoline plant, steel, here. $70,000. Private plans.

N. C., Belmont—PLANT—Lineberger & Stowe, Belmont, J. M. Hatch, mgr., plans large mercerizing plant on Charlotte Highway.

N. C., Durham—Mill—Yarborough Mills, Inc., plans 89 x 145 ft. weaving mill, Holloway and Calvin Sts. T. C. Atworth, Durham, archt.

Fla., Wauchula — PLANT — City voted $40,000 bonds, for light plant annex. W. D. Carlton, mayor.

Ala., Anniston — PLANT — M and H Valve & Fitting Co., L. C. Watson, secy. and treas., plans plant.

Ala., Attalla—PLANT—Walworth Mfg. Co., 142 High St., Boston, Mass., recently purchased The Natl. Pipe & Fdry. Co. plant, here, and plans additions to plant. $750,000.

Ala., Gadsden—PLANT—H. Wetter Mfg. Co., South Pittsburgh, Tenn., purchased old Gadsden car works site of 30 acres and plans new plant, here. $100,000.

Tenn., Clinton—MILL—Magnet Knitting Mills, plans 2 story and basement, 100 x 250 ft. hosiery mill, rein.-con. $300,000.

Tenn., Memphis — PLANT — Belgium Cleaners, 4th and Poplar Sts., having plans prepared by E. W. Mann, Memphis, 1 story, concrete and brick, Madison Ave. $40,000.

Tenn., Memphis — LAUNDRY — Success Laundry, Madison Ave., plans 2 story and basement, concrete and brick, Jefferson St.

O., Akron — HEATER ROOM — Osborn Eng. Co., 7016 Euclid Ave., Cleveland, soon lets contract 3 story and basement, 40 x 220 ft., brick, steel and concrete heater room addition, here, for General Tire & Rubber Co., 1708 East Market St., $100,000.

O., Barberton—FACTORY—Ohio Insulator Co., plans concrete and steel factory addition. $50,000.

O., Barberton — PLANT — Lambert Tire Co., plans new boiler house and power plant. $125,000.

O., Cleveland—FACTORY—Colonial Iron Wks., L. M. Steiner, pres., 881 East 67th St., plans 1 story, 120x200 ft., brick and steel, East 176th St. and St. Clair Ave. $75,000. J. H. Petrosky, c/o owner, engr.

O., Cleveland — FACTORY — Industrial Fibre Co., c/o C. A. Nau, engr. of constr., 9801 Walford Ave., having plans prepared 1 story, 100x200 ft., 50x80 ft., 20x60 ft., 25x40 ft., 40x200 ft. and 100x100 ft., brick and steel additions, Walford Ave. $250,000. Private plans.

O., Cleveland—PLANT—Central Publishing Home of Reformed Church, c/o P. Wetzel, mgr., 2969 West 25th St., had plans prepared by A. A. Hanke, 10101 Nanford Rd., 3 story and basement, 60 x 62 ft., brick and rein.-con. addition. $50,000.

O., Cleveland—FACTORY—M. Glick Co., M. Glick, pres., 711 Woodland Ave., had plans prepared by J. F. Steffens, Fidelity-Mortgage Bldg., 3 story and basement, 24 x 127 ft., brick and steel, Woodland Ave. $50,000.

O., Fremont—FACTORY—Schaff & Good Co., plans rebuilding 2 story brick, steel and concrete factory, recently destroyed by fire. $50,000.

O., Youngstown—PLANT—Great Atlantic & Pacific Tea Co., Terminal Way, Pittsburgh, Pa., plans baking plant, Crab Creek Valley. $100,000.

Mich., Wayne — PLANT — Gotfredson Truck Corp., 3601 Gratiot Ave., Detroit, having plans prepared 1 story, concrete, brick and steel, plain foundation, Michigan Ave. $50,000. Private plans.

Wis., Stoughton—HEATING PLANT—Martin Luther Orphan Home, N. A. Stubkjaer supt., having plans prepared by Law & Law, 1st Central Bldg., Madison, 2 story, brick, rein.-con. and steel, plain foundation. $55,000. Noted June 4.

Minn., Minneapolis — LABORATORY — State Bd. Control, Capitol, St. Paul, having plans prepared by C. H. Johnston, 715 Capital Bank Bldg., St. Paul, 2 story and basement, rein.-con., brick and stone addition to State University, here. $70,000.

Neb., Norfolk — PLANT — Election soon $250,000 bonds, electric light plant. A. L. Mullergren, Gates Bldg., Kansas City, Mo., consult. engr.

Mo., Cape Girardeau — PLANT — Miles Packing Co., A. E. Miles, pres., having plans prepared 1 story, 45 x 190 ft., brick canning and packing plant. $80,000. Private plans.

Ark., Jonesboro—POWER PLANT—City Water & Light Plant, c/o J. F. Christy, mgr., soon takes bids 1 story, 98 x 125 ft. rein.-con., brick and steel power plant, incl. basement under boiler room and part basement under engine room; 207 ft. stack, to Weber Chimney Co., 1454 McCormick Bldg., Chicago, Ill. Archts. total est. $160,000.

Tex., Carlsbad—POWER HOUSE—State Building Comn., Austin, plans 40 x 60 ft., rein.-con. and brick power house addition at Tuberculosis Sanitarium, here. $50,000. Phelps & De Wees, Gunter Bldg., San Antonio, engrs.

Tex., Houston — BAKERY — S. F. McDonald, pres. Campbell Baking Co., 30th and Troost Ave., Kansas City, Mo., plans bakery, here. $250,000. Engineer and architect not selected.

Tex., Mirando City — REFINERY — Mirando City Oil Co., plans 1 story, brick and steel plant. $250,000. Private plans.

Tex., Paris—PLANT—Bennett Printing Co., c/o P. H. Bennett, pres. and mgr., plans brick plant. $74,000. Engineer and architect not announced.

Calif., Ontario — PLANT — Exchange Orange Products Co., San Dimas, plans packing plant, here. $150,000 or more.

Calif., Uplands — Uplands Citrus Assn. having plans prepared by W. W. Ache, 1616 4th Ave., Los Angeles, 1 story and basement, 165 x 220 ft., rein.-con. packing plant. $100,000. Noted Mar. 5.

Ont., Barrie—PLANT—Barrie Gas Co. plans increasing capacity of plant. $75,000. Private plans.

BIDS DESIRED

Mass., Boston—REPAIR and SERVICE GARAGE—Brown & Shapiro, Old South Building, will build 1 story, 80 x 185 ft., rein.-con. and brick, Northampton St. $75,000. Work will be done by separate contracts. S. S. Eisenberg, 46 Cornhill St., archt.

Mass., New Bedford—MILL—Gilt Edge Silk Mills, 1145 Kempton St., taking bids 2 story, 52 x 160 ft., brick and steel addition. $150,000. Leary & Walker, Times Bldg., archts.

Mass., Quincy (Boston P. O.) — FACTORY—Vulvan Tool Co., 40 Liberty St., taking bids 1 story, timber addition. Private plans.

Mich., Detroit—FACTORY—B. C. Wetzel & Co., archts., 2317 Dime Bank Bldg., taking bids 2 story, 60 x 130 ft., brick, steel, and concrete addition, West Fort St., for Detroit Show Case Co., 1654 West Fort St. $50,000.

Wis., Jefferson — MILL — J. E. Owen & Son, taking bids 2 story, 32 x 110 ft., brick and timber addition to yarn mill, plain foundation. $40,000. Private plans.

Wis., Madison — WAREHOUSE and PLANT—F. L. Kronenberg, archt., Carroll Bldg., taking bids 3 story, 66 x 124 ft., brick, rein.-con. and steel, plain foundation. $40,000. Owner's name withheld.

Mo., St. Louis — SHOP and WAREHOUSE—N. O. Nelson Mfg. Co., 10th and Chestnut Sts., will build 1 story and basement, 20 x 312 ft., rein.-con. and brick, Boyle St. $150,000. Work will be done by separate contracts under supervision of P. J. Bradshaw, archt., International Life Bldg.

BIDS RECEIVED

N. Y., New York—GARAGE—J. Miller, pres. Manhattan Boro, Municipal Bldg., June 8, garage addition at asphalt plant, also addition to stone dust storage building, 90th St. and East River, from G. A. Glantz, $66,725. Noted June 4.

CONTRACTS AWARDED

Mass., Amherst — POWER HOUSE — Amherst College, G. D. Olds, pres., 1 story, brick power house, to Lowell Whipple Co., 44 Portland St., Worcester. Noted May 7.

Mass., Boston—GARAGE—North Terminal Corp., 3 story, 225 x 300 ft., rein.-con. garage, to Aberthaw Co., 27 School St., $500,000.

Mass., Boston — PLANT — International Harvester Co. of America, 606 South Michigan Ave., Chicago, Ill., 5 story, 100 x 165 ft., rein.-con., plain foundation, here, to Aberthaw Co., 27 School St., $170,000.

Mass., Boston—REPAIR and SERVICE—Y. D. Service Garage, c/o L. S. Joslin, archt., 339 Newbury St., 3 story and basement, 55 x 112 ft., rein.-con. and steel, plain foundation, 345-347 Newbury St., to Chase & Gilbert, 220 Devonshire St., Boston. Archts. est. $100,000. Noted Apr. 23.

Mass., Springfield—FACTORY—Eastern States Warehouse & Cold Storage Co., 2 story, 76 x 106 ft., brick and timber, Liberty St., to D. W. Mellen, 292 Bridge St. Archts. est. $50,000.

Mass., Worcester—GARAGE—A. Brown, 49 Midland St., 2 story and basement, 70 x 145 ft., rein.-con. and brick, Central St., to Keefe Bros. Co., 98 Front St. Archts. est. $150,000.

R. I., Bellefont (Providence P. O.)—BLEACHERY—Imperial Printing Co., 2 story, 100 x 140 ft., brick and timber, to C. I. Bigney Constr. Co., 194 Washington St., Providence. Archts. est. $100,000.

Conn., East Hartford (Hartford P. O.)—FACTORY, OFFICE and STORAGE—Williams & Carleton, 206 State St., Hartford, 3 story and basement, 50 x 150 ft., brick and steel, Boulevard, to Industrial Constr. Co., 721 Main St., Hartford. Archts. est. $150,000. Noted Apr. 23.

Conn., Torrington—FACTORY—Torrington Mfg. Co., 70 Franklin St., 2 story, 60 x 110 ft., brick, to Torrington Building Co., 182 Church St. Archts. est. $50,000.

Pa., Reading—REPAIR SHOPS—Phila. & Reading R.R. Co., Reading Terminal, completing 1 story, 335 x 880 ft., rein.-con. and brick, plain foundation, to Hughes-Foulkord Co., Commonwealth Bldg. Engrs. est. $300,000. Noted May 7.

Va., Roanoke—FACTORY—Viscose Corp. of Va., Marcus Hook, Pa., 1 and 2 story and basement, 166 x 582 ft., brick and steel, plain foundation, Roanoke River, here, to J. F. Pettijohn, Lynchburg. Archts. est. $900,000.

Fla., Miami — MILL — Drake Lumber Co., 327 6th St., lumber mill, to St. John's Constr. Co., Townly Bldg. Archts. est. $40,000.

Ala., Cordova—PLANT—L. L. Stephenson, Birmingham, 14 kiln, 60,000 ton, brick manufacturing plant, office buildings, etc. here, to Bessemer Eng. Co., Bessemer, $300,000.

La., Shreveport — POWER HOUSE — Southwestern Gas & Electric Co., 1206 City Bank Bldg., superstructure for 150 x 170 ft., rein.-con. and brick power plant, 80 ft. high, Allen Ave., to Glasswell & Wilson, Shreveport, $154,605.

O., Cincinnati—PLANT—Amer. Products Co., 323 West 3rd St., 7 story and basement, rein.-con. and brick, plain foundation, Colerain St., to Fisher-DeVore Constr. Co., Dixie Terminal Bldg., $450,000.

O., Cleveland—FACTORY—Parr Paint & Color Co., W. J. Parr, pres., 665 East 103 St., 3 story and basement, 40 x 80 ft., brick, steel and concrete, Syracuse Ave., to W. F. Thompson & Son Co., Chester 12th Bldg. Archts. est. $40,000.

O., Cleveland — FACTORY — Frankelite Co., D. Frankel, pres., 5016 Woodland Ave., 3 story, brick and steel factory, to L. Dautel & Son Co., 5710 Hough Ave. Archts. est. $40,000. Noted Apr. 30.

O., Cleveland—FACTORY and STORAGE—Columbian Hardware Co., H. F. Seymour, pres., 5113 Hamilton Ave., 2 story and basement, 90x120 ft., East 51st St., to J. L. Hunting Constr. Co., Guarantee Title Bldg. Archts. est. $50,000. Noted Mar. 26.

O., Cleveland — PLANT — Union of Roumanian Societies Publishing Co., N. Bardas, pres., 5705 Detroit Ave., 2 story and basement, 20 x 50 ft., and 50 x 70 ft. brick and steel printing plant, 5705 Detroit Ave., to W. J. Gabriel, 17436 Clifton Blvd.,

Buildings—Industrial (Continued)

Lakewood. Archts. est. $40,000. Noted Jan. 1.

O., Toledo—FACTORY—Chase Bag Co., Toledo, and 4 North Main St., St. Louis, Mo., 1 story, 180 x 580 ft., brick, steel and concrete factory, to Austin Co., 16112 Euclid Ave., Cleveland. Archts. est. $200,000.

Ill., Chicago — FACTORY and WAREHOUSE—Delta Star Electric Co., 2437 Fulton St., D. H. Young, pres., 1 story, 25,000 sq.ft. floor space, requiring 200 tons structural steel, Campbell Ave., to Austin Co., 160 North La Salle St.

Wis., Wauwatosa—MILL and PLANT—Gridley Dairy Co., 140 8th St., Milwaukee, 2 story, 147 x 182 ft. and 2 story, 80 x 100 ft., brick and concrete, plain foundation, North Ave., to Dahlman Constr. Co., 456 Bway., Milwaukee, $100,000.

Ia., Des Moines — FACTORY — Klondike Incubator Co., 315 Southwest 9th St., will build 2 story, 81 x 212 ft., brick, concrete and steel, Dean and East 24th Sts., by day labor. $40,000. R. Leibsle, 428 Flynn Bldg., archt.

Ia., Ottumwa—PLANT—J. Morrell & Co., 5 story, 80 x 156 ft., rein.-con. packing plant, to H. A. Maine & Co., 119 8th Ave., Waterloo.

Kan., Wichita—PLANT—J. Dold Packing Co., 21st and Lawrence Sts., will build 5 story and basement, 70 x 170 ft., rein.-con. and brick packing plant, by day labor. Heuschien & McLaren, 1637 Prairie Ave., archts. Noted Mar. 12.

Mo., Kansas City—STORAGE—Kansas City Terminal Co., general contract 1 story, 40 x 108 ft., rein.-con. and cast stone storage building, to Swanson Constr. Co., Schubart Bldg., $40,000.

Calif., Los Angeles—LAUNDRY—City Towel Supply Co., 6th and San Pedro Sts., 6 story, 105 x 105 ft., rein.-con., San Pedro Ave. and 6th Sts., to W. E. Warne, 1111 Marsh-Strong Bldg., $155,000.

Calif., San Andreas—PLANT—Calaveras Cement Co., 900 Commercial Union Bldg., San Francisco, 4,000 bbl. daily capacity cement plant with equipment, to Macdonald Eng. Co., 149 California St., San Francisco, approximately $2,000,000.

Ont., Englehart — ENGINE SHOP — Temiskaming & Northern Ontario Ry., North Bay, 1 story, 6 stall rein.-con. and brick addition, to Britnell Contg. Co. Ltd., 903 Yonge St., Toronto. Engrs. est. $80,000.

Ont., Walkerville—PLANT—Berry Bros., 211 Leib St., Detroit, Mich., rebuilding plant, recently destroyed by fire, Walker Rd., here, to Wells & Gray Ltd., 1198 Mercer Ave., Windsor. Archts. est. $50,000.

B. C., Burnaby — REFINERY — Union Oil Co., 402 Pender St. W., Vancouver, clearing and grubbing 65 acre site here, for new refinery, to Cotton Co. Ltd., False Creek Yards, Vancouver, $35,000.

Buildings—Commercial

PROPOSED WORK

Vt., Bellows Falls—TOWN HALL—Pub. Building Com. plans rebuilding town hall, recently destroyed by fire. $150,000. Engineer and architect not selected.

Mass., Boston—HOME—New England Deaconess Assn., 6 Deaconess Rd., Brookline, having preliminary sketches made by E. W. Deering, 10 Deaconess Rd., Brookline, nurses home, Francis St. and Riverway Dr., here. $300,000.

Mass., Boston — TEMPLE — Electrical Workers Union 103, F. L. Kelley, chn. building, comn., 12 Berkley St., plans labor temple. $500,000. Engineer and architect not selected.

Mass., Everett (Boston P. O.) — EXCHANGE—New England Telegraph & Telephone Co., 50 Oliver St., Boston, having plans prepared by Densmore, LeClear & Robbins, Park Sq. Bldg., Boston, 2 story and basement, brick, Chelsea and Victoria Sts. To exceed $150,000.

Mass., Quincy (Boston P.O.)—HOSPITAL—City, P. E. Barbour, mayor, City Hall, having plans prepared by Stevens & Lee, 45 Newbury St., Boston, 2 story and basement, brick maternity hospital. $150,000.

R. I., Providence — AUDITORIUM — Rhode Island Auditorium, Inc., c/o Funk & Wilcox, archts., 26 Pemberton Sq., Boston, had plans prepared 1 story, 160 x 400 ft., rein.-con., brick and steel, plain foundation, North Main St. between 2nd and 3rd Sts. $500,000.

R. I., Providence—GYMNASIUM—Brown University, Prospect St., having preliminary plans prepared by Clarke & Howe, Turks Head Bldg., 2 story, 65,000 sq.ft. floor space, steel and timber gymnasium to contain swimming pool, administration quarter, etc., Sessions and Elm Grove Aves. G. Hadden, 280 Madison Ave., New York City, engr. Noted Jan. 29.

R. I., Providence—OFFICE—State Building Comn., c/o J. S. Holbrook, State House, having plans prepared by Jackson, Robertson & Adams, Turks Head Bldg., office building, Smith St. To exceed $150,000.

Conn., Hartford — COUNTY — Comrs. Hartford Co., S. H. Graham, chn., plans new county building, Lafayette and Washington Sts. $1,500,000.

Conn., Hartford — HOTEL — D. and S. Maislen, c/o F. C. Walz, archt., 407 Trumbull St., having plans prepared 80 x 120 ft., brick and steel, plain foundation, High St. $300,000.

Conn., Middletown—THEATRE—S. and S. Corp., c/o L. J. Thompson, archt., 586 Corbin Ave., New Britain, having plans prepared 2 story, 55x147 ft., brick and steel, Main St. $200,000. Noted May 7.

Conn., New Haven — CLUB — Young Mens Republican Club, Crown and Temple Sts., having plans prepared by Shiner & Apel, 185 Church St., 8 story, brick and steel, Crown and Temple Sts. $500,000.

Conn., New Haven—GARAGE, REPAIR SHOP and SHOW ROOM—E. M. Jennings Co., 27 Harrison St., Bridgeport, having plans prepared by Norton & Townsend, 405 Temple St., 1 story, 98 x 285 ft., brick, stone and steel, Whalley Ave. $150,000.

Conn., Stamford — HOTEL — F. Urso, archt., Spelke Bldg., preparing plans 5 story, 50 x 112 ft., brick and steel, plain foundation, Main St. $150,000 or more. Owner's name withheld.

N. Y., Buffalo—STORE—T. S. Given, 454 Main St., plans 6 story, 75 x 105 ft., brick and steel, Main St. $250,000. Engineer and architect not selected.

N. Y., Kenmore — TEMPLE — Masonic Order plans temple, Delaware Ave. $150,000. Engineer and architect not selected.

N. Y., New York — APARTMENT — V. Green, c/o Renwick, Aspinwall & Tucker, archts., 8 West 40th St., having plans prepared 7 story, brick, steel and stone, plain foundation, Hudson and Barrow Sts.

N. Y., New York — APARTMENT — Bilform Realty Corp., c/o C. Kreymborg & Sons., archts. and engrs., 2534 Marion Ave., having plans prepared 6 story, 120 x 140 ft., brick, steel and stone, plain foundation, Decatur Ave. $225,000.

N. Y., New York—APARTMENT—Cohen Investing Co., c/o D. S. Lang, engr. and archt., 110 West 34th St., having plans prepared two 5 story apartments, one 90 x 100 ft., and other 75 x 85 ft., brick, steel and stone, plain foundation, Seneca Ave. $200,000 each.

N. Y., New York—APARTMENT—Reich Realty Co., c/o C. Kreymborg & Sons, 2534 Marion Ave., having plans prepared 5 story, 125 x 145 ft., brick, steel and stone, plain foundation, Hunts Point Ave. $300,000.

N. Y., New York — APARTMENT — Struckwell Corp., c/o G. G. Miller, archt. and engr., 1482 Bway. having plans prepared 6 story, 100 x 125 ft., brick, steel and stone, plain foundation, Stebbins Ave. $275,000.

N. Y., New York — THEATRE — Malan Theatre Corp., c/o E. DeRosa, archt. and engr., 110 West 40th St., having plans prepared brick, steel and stone, plain foundation, Sheridan Ave.

Pa., Blossburg—HOSPITAL—Blossburg Hospital Assn. having plans prepared by W. D. Shollenberger, 522 Scott St., Williamsport, 3 story and basement, 90 x 100 ft., rein.-con. and brick hospital. $150,000.

Pa., Oak Lane (Sta. Phila.) — APARTMENT—Oak Lane Manor Apartment Co., c/o S. Demcheck, archt., 1705 Chestnut St., Phila., having plans prepared 4 story and basement, 138 x 212 ft., brick and steel, plain foundation, Valley Rd., here. $500,000.

D. C., Wash.—HOTEL—J. J. Schwartz had plans prepared by Milburn, Heister & Co., Union Savings Bank Bldg., 12 story, white terra cotta, 13th and E Sts. N. W.

N. C., Winston-Salem—COURT HOUSE—Bd. Comrs. Forsyth Co., having preliminary plans prepared by Northup & O'Brien, Winston-Salem, 3 story, 125 x 125 ft., rein.-con. and tile. $350,000. Noted May 14.

Fla., Dundee—HOSPITAL—Scenic Highlands Hospital Assn., J. Burnes, Jr., pres., Lake Wales, plans Scenic Highlands Hospital, here. $300,000.

Fla., Miami—OFFICE—Shoreland Co., H. M. Anderson, pres. plans 10 story office building, East Flagler St. $1,000,000.

Fla., Sarasota—HOTEL—Clas, Shepherd & Clas, archts., 445 Milwaukee St., Milwaukee, Wis., preparing preliminary plans brick and concrete hotel. $1,000,000. Owner's name withheld.

Fla., Sarasota — OFFICE — First Natl. Co., plans office building, Victory and Orange Aves. $250,000. A. L. Joiner, pres.

Miss., Jackson — STORE — Emporium Department Store, having preliminary plans prepared by N. W. Overstreet, Overstreet Bldg., 5 story, 80 x 125 ft., rein.-con., brick and stone store building. $150,000.

O., Cleveland—COTTAGE, etc.—State Building Comn., c/o J. E. Harper, dir. Dept. Welfare, Columbus, plans 1 story, brick and steel, Turney Rd., here. $380,000. C. B. Briggs, Hartman Hotel Bldg., Columbus, archt.

O., Cleveland—SERVICE—City, D. Bidson, City Hall, having plans prepared by H. Kregelius, City Hall, brick, steel and concrete addition, Scranton Rd. $150,000.

O., Cleveland — STORE, HOTEL and GARAGE—J. Babin, 307 Williamson Bldg., having plans prepared by N. Petti, Williamson Bldg., 1 and 5 story, brick, steel and concrete, 6024 Euclid Ave. $300,000. A. G. Simon, Hippodrome Bldg., consult. engr.

Wis., Janesville—Y.M.C.A., J. A. Steiner, secy., 402 West Milwaukee St., having plans prepared by Leenhouts & Guthrie, 424 Jefferson St., Milwaukee, 2 and 4 story and basement, 120 x 120 ft., brick and concrete, plain foundation. $275,000. Noted Nov. 27.

Wis., Madison—COMMERCIAL—F. T. Kronenberg, archt., Carroll Blk., preparing plans 3 story, 66 x 124 ft., rein.-con., brick and steel commercial building, plain foundation. $150,000. Owners name withheld.

Kan., Wichita—FIRE STATION—City, W. A. Stanfield, comr. plans 3 fire stations. $200,000. Private plans.

Kan., Winfield—HOSPITAL—City soon takes bids 3 or more story, rein.-con., brick and stone hospital. $150,000 or more. R. E. Peden & Co., and B. L. Austin, 3405 Troost Ave., Kansas City, Mo., archts. J. M. Fuller & Co. and R. A. Walker, Winfield, associated archts. Noted June 19, 1924.

Mo., Excelsior Springs—HOTEL—A. E. Cooper, Royal Hotel, having plans prepared by E. O. Brostrom, 623 Reliance Bldg., rein.-con. and brick hotel. $200,000.

Mo., Jefferson City — OFFICE and LODGE—J. Houchin, et al., having preliminary plans prepared by Capital Architectural Serv., 207 Central Trust Bldg., 5 story and basement, 100 x 100 ft., rein.-con. and brick, Monroe St. $350,000.

Mo., Kansas City—THEATRE—Boller Bros., archts., 114 West 10th St., takes bids after June 15, 1 story, balcony and basement, 60 x 235 ft., rein.-con., brick and terra cotta, plain foundation, 3827 Main St., for E. E. Werner, 3360 Gillham Rd. $150,000. Noted May 14.

Mo., St. Louis—CLUB and OFFICE—Engineers Club of St. Louis, 3817 Olive St., having preliminary plans prepared rein.-con., stone, brick and steel club and office building. $375,000-$750,000. Private plans.

Mo., St. Louis—ADMINISTRATION—Pub. Serv. having preliminary plans prepared by L. R. Bowen & C. C. Christopher, 301 City Hall, 2 story and basement, rein.-con. brick and stone for Isolation Hospital, Arsenal St. $286,000. L. R. Bowen & H. Updike, 301 City Hall, engrs.

Tex., Dallas—COTTON EXCHANGE—Owner, c/o R. L. Dixon, 1501½ Commerce St., plans 16 story and basement, brick, stone, rein.-con. and steel, Harwood and San Jacinto Sts. $1,500,000. Engineer and architect not selected.

Tex., Texarkana—CITY HALL——Election soon $250,000 bonds new city hall, East 3rd and Walnut Sts. Engineer and architect not selected.

Tex., San Antonio—APARTMENT—Kelwood Co., Travis Bldg., soon takes bids 8 story, rein.-con., brick and stone, Lexington and Oakland Sts. $1,000,000. A. A. Seelingson, 115 East Ashby St., and L. J. Hart, et al., Gunter Bldg., archts.

Tex., San Antonio — APARTMENT — Snider & Parsons, c/o Adams & Adams, archts. and engrs., Builders Exch. Bldg., having plans prepared 5 story and basement, 55 x 65 ft., rein.-con., brick and stone, plain foundation, San Pedro and Mistletoe Sts. $150,000.

Tex., San Antonio — TEMPLE — Temple Beth El, Travis and Jefferson Sts., M. Stern, chn. Building Com., takes bids after June 15, 2 story and basement, 90 x 140 ft., rein.-con., brick, hollow tile and stucco, plain foundation, Ashby and Belknap Sts. $250,000. Seutter & Simons, Moore Bldg., archts. and engrs. Noted Apr. 16.

Tex., Wichita Falls—HOSPITAL—State Bd. Control, Austin, takes bids about June 15, two 2 story, 100 x 200 ft., rein.-con. and brick, ward buildings, here, for Northwestern Texas Hospital of Insane. $350,000. Address S. B. Corvell, c/o owner. Noted June 11.

Okla., Hollis—COURT HOUSE—Harmon Co. voted $150,000 bonds, 2 story and basement court house. Noted May 28.

Okla., Oklahoma City—GARAGE—C. W. Sims, 118 West 1st St., having preliminary plans prepared by Hawk & Parr, Cotton Exch., 5-story, 75x140 ft., fireproof, 1st

Buildings—Commercial (Continued)

St. $225,000. Reinhart & Donovan, Tradesmans Bldg., engrs.

Okla., Oklahoma City — OFFICE — Mid Continent Life Insurance Co., 1st and Robinson Sts., having plans prepared by Layton, Smith & Forsythe, Southwest Natl. Bank Bldg., 5 story and basement, 100 x 150 ft., rein.-con. and steel, plain foundation. Shartel St. and West Highland Park Addition. $300,000-$350,000.

Wash., Seattle—THEATRE—L. Baeder, archt., Securities Bldg., takes bids about June 25, 1 story, 103 x 140 ft., polychrome terra cotta theatre, 1,300 seating capacity, 4515 University Way, for T. F. Murphy, University Way. $155,000.

Ore., Portland—APARTMENT—Lucas & Carl, archts., Lewis Bldg., preparing plans and take bids about June 28, 4 story, 100 x 125 ft., brick, Vista Ave. and 23rd St., for J. Parker and E. P. Paine, Lewis Bldg. $185,000.

Calif., Berkeley — MEMORIAL — Plans election $150,000 or more bonds, fireproof World War Veterans' Memorial Building.

Calif., Berkeley—THEATRE—C. E. Condon, 57 Post St., San Francisco, plans fireproof theatre, Montrey Ave. and Hopkins St. $150,000.

Calif., Burlingame—APARTMENT and STORE—J. K. Calley, 1159 Green St., San Francisco, having plans prepared by G. L. Rosebrook, Monadnock Bldg., San Francisco, 3 story, concrete, Chapin and Primrose Sts. $150,000.

Calif., Fresno—HOSPITAL—Fresno Co., D. M. Barnwell, clk., plans election $200,000 bonds, for tubercular hospital.

Calif., Los Angeles—APARTMENT—A. C. Vaughan, c/o Postle Co., archts. and engrs., 631 Van Nuys Bldg., had preliminary plans prepared 13 story and basement, 145 x 165 ft., stone and terra cotta, 7th and New Hampshire Sts. $2,500,000.

Calif., Los Angeles — HOSPITAL — Kaspare Cohn Hospital Assn., c/o Curlett & Beelman, archts., Union Bank Bldg., having plans prepared approximately 8 story and basement, 200 bed, Catalina and Fountain Sts. $150,000 or more.

Calif., Los Angeles—HOTEL and STORE—M. Friedman, designer, Detwiler Bldg., preparing plans 5 story and basement, 105 x 150 ft., brick and steel, 8th St. and New Hampshire Ave. Owner's name withheld.

Calif., Los Angeles — OFFICE and STORE — Union Auto Insurance Co., J. A. Watt, Lane Mortgage Bldg., having plans prepared by Walker & Eisen, Great Republic Bldg., Los Angeles, 4 story and basement, 185 x 215 ft., rein.-con., 6th and Loomis Sts. $350,000.

Calif., Los Angeles—OFFICE—Quinby Corp., 536 South Hill St., having plans prepared by Meyer & Holler, Wright-Callendar Bldg., 13 story and basement, 60 x 110 ft., rein.-con., 7th St. and Grand Ave. To exceed $500,000.

Calif., Los Angeles—SALES and SERVICE—Taylor & Taylor, archts., 713 West 8th St., take bids about June 7, 3 story and part basement, rein.-con., Figuera and 21st Sts., for Pierce-Arrow Automobile Co. $200,000.

Calif., Los Angeles—THEATRE—F. E. Keeler, c/o J. M. Cooper, archt., Marsh-Strong Bldg., having plans prepared rein.-con., 6th St. $350,000 or more.

Calif., Los Angeles—THEATRE, etc.—Bard Theatres, Inc., Pershing Sq. Bldg., having revised plans prepared by L. A. Smith, Lily-Fletcher Bldg., rein.-con. theatre, stores and office building, 2,000 seating capacity, North Vine St. $155,000. Noted May 14.

Calif., Montebello — THEATRE and STORE — Gore Bros., c/o L. A. Smith, Fletcher Bldg., Los Angeles, archt., having preliminary plans prepared, rein.-con. theatre, Whittier Blvd.

Calif., Oakland—HOSPITAL—Hillcrest Hospital Assn., c/o M. I. Diggs, archt., 17th St. and Telegraph Ave., having preliminary plans prepared 5 story and basement, rein.-con. hospital. $500,000.

Calif., Pacific Grove — HOTEL — T. A. Work, having preliminary plans prepared by M. A. Dean, 498 Weldon St., Oakland, fireproof hotel, Lighthouse Ave. $250,000.

Calif., Pasadena—OFFICE and STORE—H. J. Barrett, archt., 245½ South Western Ave, Los Angeles, preparing plans 2 story and basement, 120 x 140 ft., brick bank, office and store building, York St. $150,000. Owner's name withheld.

Calif., Sacramento—LODGE—Knights of Columbus, c/o Dean & Dean, archts., Ochsner Bldg., having preliminary plans prepared 2 story and basement, rein.-con., 18th and J Sts. $150,000.

Calif., San Francisco — APARTMENT, HOTEL and THEATRE — S. H. Levine, 2055 Union St., having preliminary plans prepared by Reid Bros., 105 Montgomery St., brick and rein.-con., North Beach St. $300,000.

Calif., San Francisco — APARTMENT — Hyman & Appleton, archts., 68 Post St., San Francisco, preparing preliminary plans 10 story and basement, Class A, Hyde St. near Larkin St. To exceed $500,000. Owner's name withheld.

Calif., San Francisco—APARTMENT—E. V. Lacey, 180 Jessie St., having plans prepared by C. O. Clausen, Hearst Bldg., 8 story and basement, rein.-con., O'Farrell St. near Jones St. $200,000.

Calif., San Francisco—CLUBHOUSE—San Francisco Yacht Club, 716 Water St., Sausalito, plans clubhouse, foot of Baker St., here. $250,000.

Calif., San Francisco — HOSPITAL — St. Francis Hospital, Hyde and Bush Sts., having preliminary plans prepared by A. I. Coffey, Humboldt Bank Bldg., 4 story and basement, rein.-con., annex. $250,000.

Calif., San Francisco — HOTEL and STORE—O. R. Thayer, archt., 110 Sutter St., preparing plans 4 story, concrete, south of Market section. $150,000. Owner's name withheld.

Calif., San Luis Obispo—JAIL and HOSPITAL—San Luis Obispo Co., had plans prepared by Miller & Warnecke, 1404 Franklin St., Oakland, brick jail and hospital. $150,000 or more.

Calif., Santa Barbara — STORE and LOFT—R. H. Orr, archt., Corporation Bldg., Los Angeles, preparing plans 4 story and basement, 110 x 145 ft., brick and concrete, Anacapa St. Owner's name withheld.

Calif., Santa Barbara—TEMPLE—Santa Barbara Labor Temple Assn. plans temple on 70 x 120 ft. site. $175,000.

Calif., Santa Cruz—COURTHOUSE and HOSPITAL—Santa Cruz Co., plans election $400,000 bonds, for courthouse; also $150,000 or more bonds, for hospital, both fireproof construction.

Calif., Watsonville — HOTEL — Resetar Bros., having plans prepared by W. H. Weeks, 369 Pine St., San Francisco, 4 story and basement, 75 room, rein.-con., Main St. and West Lake Ave. $175,000.

Ont., New Toronto—EXCHANGE—Bell Telephone Co. of Canada, plans 2 or 3 story and basement, rein.-con., brick and steel, plain foundation, 6th St. $150,000. S. J. Totten, Weston, mgr.

Ont., Toronto—OFFICE—Canadian Natl. Ry., New Union Sta., Montreal, soon takes bids 26 story, 60x90x295 ft. office building, here. $2,500,000.

Ont., Toronto—STORE and GARAGE—Bell Telephone Co. of Canada, 76 Adelaide St. W., purchased site and plans 3 or 4 story 250 x 300 ft. rein.-con., brick and steel, plain foundation, Shaw St. P. Kennedy, mgr.

BIDS DESIRED

Mass., Brookline (Boston P. O.) — APARTMENT—Marden & Orlando Constr. Co., 333 Washington St., Boston, will build 3 story and basement, brick and stone, plain foundation, St. Paul and Beacon Sts. $150,000. Work will be done by separate contracts. S. S. Eisenberg, 46 Cornhill St., Boston, archt.

Mass., Cambridge—WAREHOUSE—G. E. Prebble, 485 Massachusetts Ave., taking bids 3 story and basement, 60 x 90 ft., brick, plain foundation, 798-800 Massachusetts Ave. $150,000. W. E. Cotter, 12 Harvard St., Somerville, archt. Noted May 28.

Mass., Springfield — APARTMENT — I. Satin, 270 Worthington St., taking bids 3 story and basement, 40 x 140 ft., brick, Worthington St. $150,000. J. W. Foster, 105 Bridge St., archt. Noted Oct. 23.

Mass., West Medford (Boston P. O.)—APARTMENT — Brentwood Court Corp., c/o Whitten & Gore, archts., 31 Milk St., Boston, will build 3 story and basement, 112 x 136 ft., rein.-con., brick and stone, plain foundation, here. Work will be done by separate contracts under supervision of archts. $250,000.

Conn., New Britain—APARTMENT and STORE—Ukranian Corp., c/o C. C. Palmer, archt., 85 West Main St., taking bids 4 story and basement, 80 x 85 ft., brick and steel, North St. $150,000. Noted Apr. 16.

Conn., New Britain—SOCIAL—W. H. McKay, archt., Professional Bldg., taking bids and opens same about June 20, 3 story, steel and brick, Main St., for Y. M. T. A. & B. Society, W. Kerin. $150,000. Noted May 7.

N. Y., Rome—DORMITORY—June 30, by F. R. Utter, supt. Purchase, Albany, constructing Dormitory O, heating, etc., here. S. W. Jones, Albany, state archt.; adv. E. N.-R. June 11.

N. Y., Sonyea—HOSPITAL—June 30, by F. R. Utter, supt. Purchase, Albany, alterations and additions to hospital, Craig Colony, here. S. W. Jones, Albany, state archt.; adv. E. N.-R. June 11.

N. J., Glen Gardner—HOSPITAL—June 16, by Bd. Institutions & Agencies, Trenton, 2½ story, 44 x 273 ft. with 100 ft. wing childrens hospital $258,000; 3 story, 30 x 108 ft. employes building, $65,000; 3 story, 32 x 70 ft., infirmary; 1 story, 20 x 100 ft. dining room, etc., all tile and stucco, here. A. B. Mills, State Office Bldg., Trenton, state archt.

N. J., Woodbine — DORMITORY —June 23, by Bd. Institutions & Agencies, Trenton, 2 story, 30 x 70 ft. dormitory with 30 x 70 ft. wing, 2 story, 28 x 29 ft. doctors cottage, etc., here. A. B. Mills, Trenton, state archt.

Pa., McKeesport—HOTEL—June 13, by McKeesport Community Hotel Co., and B. Jannsen, archt., Century Bldg., Pittsburgh, 4 story and basement, 120 x 140 ft., brick, steel and tile, 5th Ave. and Blackberry St. $350,000. Noted June 4.

Pa., Phila.—APARTMENT—J. Gorchor, 4116 Girard Ave., will build 4 story and basement, 106 x 163 ft., brick, plain foundation, Lincoln Dr. and Hortter St. $250,000. Work will be done by separate contracts. J. E. Fieldstein, Otis Bldg., archt.

Pa., Phila. — HOTEL — W. L. Charr, archt., Victory Bldg., taking bids on separate contracts, 4 story and basement, 20 x 197 ft., brick and steel addition, plain foundation, 8th and Walnut Sts., for Walnut Hotel, 208 South 8th St. $140,000.

Pa., Phila.—TEMPLE—June 24, by H. W. Custor, archt., Stephen Girard Bldg., 7 story, basement and sub-basement, 100 x 180 ft., stone and steel, plain foundation, Broad and Race Sts., for Scottish Rite Consistory, Broad and Race Sts. $1,000,000. Noted Sept. 25.

Ala., Huntsville—HOSPITAL—June 23, by City Clerk, 2 story, 150 x 200 ft. hospital for City. $150,000. Noted Mar. 19.

O., Cleveland — COMMERCIAL, etc — Banater Hall Assn., c/o O. N. Chamberlin, archt., 1222 West Clifton Blvd., Lakewood, taking bids 3 story and basement, 83 x 132 ft., brick, steel and concrete commercial, lodge and dance hall, West 120th St. and Lorain Ave., here. $150,000.

Mich., Detroit — HOTEL — L. Kamper, archt., 3729 Cass Ave., taking bids 10 story and basement, 300 room, concrete, brick, steel and terra cotta, Woodward and Seward Aves. Owner's name withheld.

Mich., Detroit — OFFICE — Bonnan & Caffee, 300 Barlum Bldg., taking bids 10 story and basement, 85 x 120 ft., rein.-con. brick and terra cott., Cass Ave. and Grand Blvd., for B. F. Stephenson, 1340 Penobscot Bldg.

Ill., Joliet—ORPHANAGE—June 17 (extended date), by E. Brielmaier & Sons, archts., 432 Bway., Milwaukee, Wis., 3 story and basement, brick and concrete, plain foundation, here, for Guardian Angel Orphanage. $400,000. Noted June 4.

Wis., Madison — APARTMENT — W. J. Taylor, 2118 Regent St., taking bids 3 story, 60 x 122 ft., rein.-con., brick and steel, plain foundation. E. Tough, Washington Bldg., archt.

Mo., Kansas City—STORE—July 1, by Holt, Price & Barnes, archts., 800 Davidson Bldg., 8 story and basement, 100 x 107 ft., rein.-con., brick and stone, 13th and Baltimore Sts., for R. Keith Furniture & Carpet Co., R. Keith, pres., 1101 Grand Ave. $400,000. Noted May 21.

Calif., Los Angeles—LOFTS—Curlett & Beelman, archts., Union Bank Bldg., taking bids 12 story and basement, 140 x 160 ft., rein.-con., 9th and Los Angeles Sts., for Klein-Norton Co., 253 South Los Angeles St. To exceed $350,000.

BIDS RECEIVED

Mass., East Boston (Boston P. O.)—HOSPITAL—City of Boston, G. R. White Fund, Trustees, 2 story and basement, brick and limestone, plain foundation, Paris and Emmons St., here, from A. Piotti & Co., 708 Dudley St., Dorchester, $158,982. Noted May 28.

Pa., Nazareth — DORMITORY — Poor Directors Northampton Co., 2 story, 27 x 97 ft. with three 32 x 116 ft. wings, brick, plain foundation, general contract, from Ochs Constr. Co., Allentown, $118,359. Noted June 4.

Calif., Oakland—HOSPITAL—Alameda Co., for hospital, carpentry work, from O. Duval & Son, Dalziel Bldg., $123,500; electric work, from Newbury-Pierce Co., 481 56th St., $32,452.

CONTRACTS AWARDED

Mass., Amherst — DORMITORY — Amherst College, D. G. Olds, pres., 4 story and basement, 45 x 140 ft., brick and granite, to Casper Ranger Constr. Co., 20 Bond St., Holyoke. Archts. est. $200,000. Noted May 28.

Mass., Boston — MERCANTILE — B. Rockman, 685 Commonwealth Ave., 4 story and basement, rein.-con., plain foundation, Deerfield St., to P. Rich & Son, 3 Tremont Row, Boston. Archts. est. $200,000.

Buildings—Commercial (Continued)

Mass., Boston—STORE and OFFICE—A. Carbone, c/o Mowll & Rand, archts., 21 School St., 6 story and basement, 10,000 sq.ft. floor space, rein.-con. and brick, plain foundation, Province St., to I. Conviser, 447 Washington St., Mattapan. To exceed $150,000. Noted Apr. 30.

Mass., Medford (Boston P. O.)—STORE and OFFICE—Progressive Building Trust, c/o Desmond & Lord, archts., 1 Beacon St., Boston, 3 story and basement, brick and stone, Salem St. and Riverside Ave., to S. Glazier, 29 Cottage St., Chelsea. Archts. est. $50,000.

Mass., Quincy (Boston P. O.)—STORE—J. J. Johnson, 31 Milk St., Boston, 2 story and basement, brick, Washington and Temple Sts., to E. S. Butterfield Co., 88 Broad St., Boston. Archts. est. $175,000.

Mass., Winchester — HOME — Home for Aged People, 2 Kendall St., 2 story and basement, rein.-con. and brick, Kendall St., to G. Hamilton, 4 Wedge Pond Rd. Archts. est. $150,000 or more.

Conn., Hartford — STORAGE and OFFICE—Southern New England Telephone Co., 114 Court St., New Haven, 1 and 2 story, 75 x 450 ft., brick and steel storage building and 2 story, 35 x 75 ft. office building, brick and steel, Albany Ave., to Clark Constr. Co., 168 Grand St., Waterbury. Archts. est. $325,000.

Conn., Stamford—THEATRE—C. Vuono, 51 River St., 2 story, brick and steel, 1500 seating capacity, to Vuono Constr. Co., 303 Main St. Archts. est. $200,000.

Conn., West Haven — APARTMENT — Spadoni & Co., De Witt St., New Haven, will build 2 story and basement, 110 x 175 ft., brick, Elm St. and 3rd Ave., by day labor. $150,000. H. S. Cannici, 82 Church St., New Haven, archt.

N. Y., Long Island City—FIRE STATION—T. J. Drennan, fire comr. Municipal Bldg., New York City, central fire station for Bureau Fire Alarm & Telegraph, Myrtle Ave., Forest Park, here, to Dooley Stapleton Corp., 257 Adelphia Pl., Brooklyn, $135,224. Noted June 4.

N. Y., New York—HOTEL—Lapidus Eng. Co., (owner and builder) 103 Park Ave., will build brick, steel and stone, plain foundation, 21-39 West 73rd St. $3,000,000.

N. J., Maplewood (br. of South Orange) —HOME—Marcus Ward Home, brick, steel and stone, administration building and 2 dormitories, plain foundations, here, to Whitney Co., 101 Park Ave., New York City. Archts. est. $2,000,000.

Pa., Lock Haven—BANK—First Natl. Bank, 2 story and basement, 24 x 60 ft. and 24 x 100 ft., brick addition, plain foundation, to Tidlow Bros., Lock Haven.

Pa., Pittsburgh — OFFICE — Bell Telephone Co. of Pittsburgh, 416 7th St., brick, steel and concrete office building, to W. F. Trimble & Sons, 1719 Pennsylvania Ave., Pittsburgh. Archts. est. $160,000.

Pa., Rosemont — DORMITORY — Rosemont College, 3 story and basement, 54 x 106 ft., brick and steel plain foundation, on campus, to W. Steele & Sons Co., 219 North Broad St., Phila. Archts. est. $150,000.

Pa., State College — THEATRE — M. Baum, State College, 3 story and basement, 69 x 115 ft., brick and steel, South Allin St., to F. D. Beyer & Co., Tyrone St. Archts. est. $150,000. Noted Dec. 18.

Md., Baltimore—HOSPITAL——Hebrew Hospital & Asylum Assn., Monument and Rutland Aves., 7 story and basement, 155 x 176 ft., brick and steel, plain foundation, to M. A. Long Co., 10 West Chase St., $1,000,000.

W. Va., Wheeling—OFFICE—Wheeling Electric Co., 51 16th St., general contract 3 story, 56 x 140 ft., brick, steel and concrete, 16th St., to R. R. Kitchen & Co., Bae Mar. Pl. Archts. est. $175,000.

S. C., Columbia—OFFICE—Natl. Loan & Exchange Bank, 3 story and basement, 60 x 110 ft., rein.-con. and tile, to J. C. Heslep, 2121 Divine St., Columbia. Archts. est. $150,000.

Ga., Atlanta — CLUB — Atlanta Athletic Club, 37 Audubon Ave., general contract, 7 story and basement, fireproof, to Flagler Constr. Co., 34 Cone St., Atlanta, $371,000.

Fla., Tampa—HOTEL—S. J. Carnes, Hotel Olive, 10 story, 50 x 100 ft., rein.-con. addition to Hotel Olive, Franklin and Washington Sts., to Logan Bros., 918 Citizens Bank Bldg., $365,000.

Miss., Meridian — Y. M. C. A., c/o 506 Citizens Bank Bldg., 3 story and basement, 125 x 125 ft., rein.-con., brick, stone and tile, 9th and 23rd Sts., to W. L. Hancock, Meridian. Archts. est. $150,000. Noted Sept. 25.

La., New Orleans—TEMPLE—S. Stone, Jr., archt., 714 Union St., 18 story, steel, brick and limestone, St. Charles and Perdido Sts., general contract, to J. Stewart & Co., 408 Pine St., St. Louis, Mo., $1,144,350; steel to Virginia Bridge & Iron Co., Roanoke, Va., $280,000; plumbing, to Union Electric Plumbing & Heating Co., 625 Poydras St., $141,327; ventilating, to J. W. Hull Plumbing & Heating Co., Birmingham, Ala., $59,675. Noted Apr. 16.

Tenn., Memphis — STORE — Perel & Lowenstein, 168 South Main St., general contract remodeling 4 story and basement building, 144 South Main St., to F. J. Ozanne & Co., Scimitar Bldg. Archts. est. $150,000.

O., Canton—ADMINISTRATION—City, administration building, to R. G. Witters, Witters Bldg. $154,200.

O., Cincinnati — APARTMENT — Woodburn Impvt. Co., Schmidt Bldg., 4 story and basement, 152 x 385 ft., rein.-con. and brick, plain foundation, Woodburn Ave., concrete work, to Orr, Humble & Kreeger, 663 Lincoln Ave., brick work, to R. Fuerst, 303 Palace Theatre Bldg.; carpentry work, to E. Honnert, Grandin Rd. Total $240,000.

O., Cleveland—APARTMENT—F. Stein, 2195 East 93rd St., 3 story and basement, 37x150 ft., brick, Cornell Rd., to Rosenthal & Rothstein, 2304 East 97th St. Archts. est. $175,000. Noted Apr. 30.

O., Cleveland—APARTMENT—Narosny & Libhaber, 1087 Thornhill Dr., 3 story and basement, 47 x 152 ft., brick and timber, 11223 Ashbury Ave., to M. Berkoff, 3346 East 136th St. Archts. est. $175,000.

O., Cleveland—COMMERCIAL and CLUB—Polish Alliance of America, c/o F. Rell, 3772 East 71st St., 2 story and basement, 100x125 ft., brick, steel and concrete, Bway., to Vulcan Constr. Co., 6600 Park Ave. Archts. est. $150,000. Noted Dec. 4.

O., Cleveland—HOTEL—Cutler Turkish Bath Co., W. J. Cutler, pres. and mgr., 41 Public Sq., 5 story and basement, 47 x 176 ft., brick and rein.-con., incl. swimming pool, 1112 Prospect Ave., to Crowell & Little Constr. Co., Hanna Bldg. Archts. est. $400,000. Noted Apr. 30.

O., Cleveland—FIRE STATION—City, E. Barry, dir. Pub. Safety, City Hall 2 story and basement, 30x92x96x119 ft., brick, steel and concrete, Central Ave. to deHamel Constr. Co. Plymouth Bldg. Archts. est. $200,000. Noted May 21.

O., Cleveland—STORE—McCrory Stores Co., S. R. Cunningham, constr. mgr., 13 Central Sq., Youngstown, 4 story, brick, steel and concrete addition to department store, 430 Euclid Ave., here, to Van Blarcom Co., Natl. City Bldg. Archts. est. $150,000. Noted May 28.

Ill., Aurora—SANITARIUM—Mercyville Sanitarium, c/o Sister Mary Cornelia, St. Mary's Hospital, 2 story and basement, 184 x 225 ft., rein.-con., brick and stone sanitarium, to Great Lakes Constr. Co., 304 South Wabash Ave., Chicago. Archts. est. $250,000. Noted Apr. 23.

Wis., La Crosse—HOSPITAL—Merman & Skogstad, archts., Linker Bldg., 5 story and basement, 40 x 100 ft., brick and concrete addition, plain foundation, to F. R. Schwalbe & Sons, 414 Rivoli Bldg., for Grandview Hospital, 1707 Main St. $150,000. Noted May 28.

Wis., Madison — APARTMENT — Gay Bros. Co., 16 North Carroll St., will build 3 story, 60 x 68 ft., rein.-con., brick and steel plain foundation, Monroe St., by day labor. $150,000. Balch & Pope, Gay Bldg., archts. Noted May 21.

Wis., West Allis — THEATRE, etc. — Allis Amusement Co., 526 65th Ave., 2 story and basement, 62 x 120 ft., brick and concrete, plain foundation, Greenfield Ave., to J. J. Ganser, 486 68th Ave. Archts. est. $150,000.

Mo., St. Louis—DANCE HALL—H. Albers, 2839 Olive St., 3 story and basement, 75 x 125 ft., rein.-con., brick and stone, Olive St., to Brunson Brockmeyer Constr. Co., Ry. Exch. Bldg. Noted Dec. 11.

Mo., St. Louis — STORE, etc. — C. C. Ketchum, 722 Chestnut St., will build 2 story and basement, 78 x 118 ft., rein.-con., and brick, Olive St., by day labor and subcontracts, under supervision of J. D. Paulus, archt., 4729 Northland Ave.

Okla., Ft. Supply — HOSPITAL — State Bd. Affairs, Oklahoma City, 2 story and basement, 92 x 178 ft., brick hospital, plain foundation, on campus of State Insane Asylum, here, to W. S. Bellows, Hershowitz Bldg., Oklahoma City, $141,862.

Wash., Seattle—APARTMENT—Real Estate Investment Co., Securities Bldg., 7 story and basement, rein.-con., brick and stone, 5th and Blanchard Sts., to Albertson, Cornell & Walsh, 112 Massachusetts St. Archts. est. $250,000.

Ore., Portland — APARTMENT — Jeffry Investment Co., 4 story, 76 x 100 ft., rein.-con. and tile, plain foundation, 21st and Taylor Sts., to L. H. Hoffman, U. S. Natl. Bank Bldg. Archts. est. $150,000.

Ore., Portland — WAREHOUSE—Security Storage & Transfer Co., c/o Houghtaling & Dougan Co., archts., Elks Temple, general contract, 7 story, 50x80x200 ft., rein.-con., plain foundation, 3rd, 4th and Glison Sts., to A. J. Bingham, 655 Lovejoy St., $285,752.

Calif., Los Angeles—BANK and OFFICE—Pacific Natl. Bank, 652 South Olive St., general contract 12 story and basement, 95 x 166 ft., brick, concrete and terra cotta, 9th and Hill Sts., to R. E. Millsay, 432 Marsh-Strong Bldg., Los Angeles, $860,000.

Calif., Los Angeles—OFFICE and LOFT—Curlett & Beelman, archts., 408 Union Bank Bldg., 12 story and basement, 145 x 170 ft., brick and terra cotta, 7th and Main Sts., to J. V. McNeil Co., 5860 South Park Ave., for 7th and Main Building Co. $452,000.

Calif., Oakland — HOSPITAL — Providence Hospital, Bway. and 26th St., 5 story and basement, rein.-con., Webster and Summit Sts., to Barrett & Hilp, 918 Harrison St., San Francisco, approximately $750,000.

Calif., Oakland—STORE and OFFICE—Metropolitan 5 & 10 Cent Store, 3 story and basement, brick or concrete, to F. A. Muller, Syndicate Bldg., $150,000.

Buildings—Educational, Religious

PROPOSED WORK

Me., Brewer — SCHOOL — City, School Com. rejected bids 2 story and basement, brick and stone, Center and Somerset Sts. $170,000. Plans will be revised and refigured. Noted May 14.

Mass., Clinton—HIGH SCHOOL—Town School Building Com. plans 2 story high school. $150,000. Engineer and architect not selected.

Mass., Westfield — HIGH SCHOOL — Town, R. Loomis, chn., having preliminary plans prepared by M. B. Harding, 97 Elm St., 2 story and basement, brick and steel high school. $400,000. Noted Mar. 6.

Mass., Woburn—SCHOOL—City, T. N. Duffy, mayor, City Hall, having sketches made by W. B. Colleary, 80 Boylston St., Boston, 2 story and basement, brick addition to Goodyear School. $150,000. Noted Jan. 29.

R. I., Edgewood — LIBRARY — Hall Estate, c/o G. F. Hall, archt., 807 Union Trust Bldg., Providence, having plans prepared Memorial Library, 2 story, brick. $150,000 or more.

Conn., New Britain — SCHOOL — Bd. Educ. takes bids about June 19, new rein.-con. brick and stone, Goodwin St. $250,000. H. F. Ludorf, 122 Main St., archt.

Conn., Willimantic—SCHOOL—State Bd. Educ., State House, Hartford, plans State Normal School, here. $150,000 or more. Engineer and architect not selected.

Conn., Winsted—SCHOOL—Town Building Comn., Town Hall, plans two schools, one in 1st Dist. and other in 4th Dist. $150,000 each. Engineer and architect not selected.

Fla., New Smyrna — SCHOOLS — Voted $150,000 bonds, for new schools and $50,000 bonds, repairing present schools.

Tenn., Nashville — INSTITUTIONS — Dept. State Institutions, plans additions to Tennessee School for Deaf, $60,000, also to Eastern Hospital for Insane, $125,000. L. Pope, comr.

O., Cincinnati — MUSEUM — Cincinnati Art Museum, Eden Park, having plans prepared by Garber & Woodward, 2803 Union Central Bldg., 2 story and basement, rein.-con. and brick, Eden Park. $300,000.

O., Ravenna——CHURCH and PARISH—Immaculate Conception Church, c/o J. Daly, pastor, having plans prepared by W. C. Jansen, 1227 Prospect Ave., Cleveland, 1 and 2 story, brick, steel and concrete. $150,000.

Mich., Detroit — SCHOOL — Bd. Educ., 1354 Bway. Ave., having plans prepared by McGrath & Van Tyle, 2231 Park Ave., 2 story and basement, rein.-con., brick and steel, plain foundation, Minden Ave. $287,492.

Mich., Detroit—SCHOOLS—Bd. Educ., 1354 Bway. Ave., having plans prepared by Malcomson & Higginbotham, 1216 Griswold St., 2 story and basement, rein.-con., brick and steel, Chelsea and Nelson Aves., $171,700; school at Tyler and Wildemere Aves.,

Buildings—Educational, Religious (Continued)

$172,480; school at Chalfonte and Greenlawn Aves., $171,700; addition to Central High School, Roosevelt Field, $578,480; addition to Northwestern High School, Grand River Ave., $84,322.

Ill., Granite City — LIBRARY — Public Library Bd., having preliminary plans prepared by C. Pauly, 2 story and basement, 75 x 90 ft., concrete, brick and stone, 19th and C Sts. $150,000.

Ia., Corning—SCHOOL—Voted $160,000 bonds, for 2 story and basement, concrete and brick school, for Bd. Educ. Thomas, McLennan & Thomas, 525 17th St., Des Moines, archts. Noted Jan. 29.

Ia., Waverly—SCHOOL—Bd. Educ., M. M. Kingsley, secy. having plans prepared by H. Burr, Waterloo, 2 story and basement, 130 x 180 ft., rein.-con., brick, tile and stone school. $175,000.

Kan., Atchison — SCHOOL — Bd. Educ. having plans prepared by W. H. Sayler & Co., 309 Mutual Bldg., Kansas City, Mo., 1 story and basement, 88x110 ft., terra cotta school. $150,000. Noted May 7.

Kan., Haviland—New waterworks system, to Burt & Tripp, Hutchinson, $33,044.

Mo., Kansas City—SCHOOLS—Election June 23, $5,000,000 bonds for additions to Northeast Junior High, Paseo High, Southeast High and East Side High Schools, also new Eastside Junior High, Negro Junior High, Jefferson, Seven Oaks, Cherry St., and W. W. Yates Grade Schools, for Bd. Educ., Pub. Library Bldg. C. A. Smith, Finance Bldg., archt.

Mo., Liberty—DORMITORY and CHAPEL William Jewell College, c/o H. C. Wayman, pres., had plans prepared by C. A. Smith, 800 Finance Bldg., Kansas City, and soon takes bids 2 and 3 story and basement, 58 x 114 ft., and 63 x 114 ft., rein.-con., brick and stone, on campus. $150,000. Noted Jan. 8.

Mo., St. Joseph—SCHOOLS—Election June 20, $300,000 bonds, two schools for Bd. Educ.

Mo., St. Louis—SCHOOL—H. P. Hess, archt., 1237 North Taylor Ave., takes bids about June 23, 3 story and basement, rein.-con., brick and stone school and auditorium, 29th St. and Lafayette Ave., for Immaculate Conception Parish. $150,000.

Ark., Fayetteville—UNIVERSITY—University of Arkansas, J. C. Futrell, pres., having plans prepared by Jamieson & Spearl, Arcade Bldg., St. Louis, Mo., two 3 story rein.-con. and brick buildings, for engineering and agricultural departments. $650,000. Noted Apr. 23.

Tex., Denton—CHURCH—First Baptist Congregation plans brick church, Carroll and West Oak Sts. $200,000. Engineer and architect not selected.

Tex., Wichita Falls—SCHOOL—Election June 20, $500,000 bonds for 2 or 3 school buildings. Previous bond issue refused approval by Attorney General on account of error in original order. Noted May 21.

Ore., Ashland — NORMAL SCHOOL — Chamber of Commerce, Portland, having plans prepared by J. V. Benmes, Chamber of Commerce, Portland, one or more state normal school buildings, state grounds, here. $175,000 appropriated. Noted Mar. 12.

Calif., Arbuckle — HIGH SCHOOL — Plans election $150,000 bonds for high school for Pierce Joint Union High School Dist.

Calif., Crockett — HIGH SCHOOL — Crockett Union High School Dist., having preliminary plans prepared by A. A. Brown, Matson Bldg., San Francisco, fireproof high school. $400,000 bonds will be voted to finance project.

Calif., Los Angeles—CHURCH—Seventeenth Church of Christ Scientist, G. Chipman, clk. Bd. Directors, plans fireproof church, Willoughby Ave. $150,000. Engineer and architect not selected.

Calif., Los Angeles—HIGH SCHOOL—Bd. Educ. had plans prepared 3 story, 225 x 244 ft., Class B auditorium, 2 story, 52 x 100 ft., Class C classroom and cafeteria building, and 1 story, 52 x 131 ft. shop building, all brick, stone and steel, Indiana and Sabina Sts. $350,000. Hunt & Burns, 701 Laughlin Bldg., archts.

Calif., Los Angeles — SCHOOLS — City having plans prepared by A. C. Martin, Higgins Bldg., 3 story, 120 x 160 ft., science building, and 2 story, 88 x 160 ft., brick, cafeteria building, Hope and Washington Sts. To exceed $150,000.

Calif., Santa Clara—OBSERVATORY and LIBRARY—University of Santa Clara, having plans prepared by J. J. Donovan, 1916 Bway., Oakland, fireproof observatory also library and memorial building. $300,000 or more.

BIDS DESIRED

Mass., Dalton — SCHOOL — Town, E. H. Pierce, chn. com., taking bids 2 story and basement, 60 x 170 ft., brick school. $150,000. Former bids rejected. Thompson, Holmes & Converse, 101 Park Ave., New York City, archts. Noted May 21.

Mass., Pittsfield—PARISH—First Baptist Church, taking bids 4 story, 76 x 100 ft., brick and stone parish house. $175,000. J. M. Vance, 24 North St., archt.

Mass., Raynham—SCHOOL—June 22, by L. B. O'Brien, 24 Centre St., 2 story and basement, brick and stone school for Town. $150,000. F. I. Cooper Corp., 172 Tremont St., Boston, archts. Noted June 4.

Mass., Ware — CHURCH — East Congregational Church Society, C. B. Weatherby, chn., taking bids 1 story and basement, brick and stone church. $150,000. Frohman, Robb & Little, 140 Boylston St., Boston, archts. Noted Apr. 9.

N. J., New Brunswick—RECITATION—June 19, by Bd. Institutions & Agencies, Trenton, 3 story and attic, 75 x 158 ft. brick, and terra cotta, here, for State Agricultural College. $250,000. A. B. Mills, Trenton, state archt.

R. I., Johnston (mail Providence)—SCHOOL—June 23, by School Com., W. C. Gill, chn., 2 story, six room addition to school, Waveland Ave., also 6 room addition, School St., both brick. $150,000. W. R. Walker & Son, 49 Weybosset St., Providence, archts.

R. I., Providence—CONVENT—St. Raymonds R. C. Church, c/o A. J. Murphy, archt., 146 Westminister St., taking bids 3 story and basement, brick, 8th St. $150,000.

Conn., New Britain — SCHOOL — City, J. M. Halloran, chn. taking bids 2 story and basement, about 65 x 300 ft., brick and steel, plain foundation, Day St. $250,000. H. F. Ludorf, 122 Main St., archt. Noted Mar. 19.

Pa., Ellwood City — HIGH SCHOOL — June 30, by Bd. Educ., 3 story, brick, steel and concrete high school. $300,000. W. G. Eckles Co., New Castle, archts.

Pa., Phila.—SCHOOL—June 12, by P. S. Monaghan, archt., 1713 Sansom St., 3 story and basement, 62 x 130 ft., stone, plain foundation, 5th and Spencer Sts., for St. Helena Roman Catholic Church. $165,000.

Pa., York—HIGH SCHOOL—June 29, by Bd. Educ., D. N. Crider, secy., Central School Bldg., having plans prepared by J. B. Hamme, City Bank Bldg., 3 story and basement, 236 x 245 ft., rein.-con. and brick, plain foundation, College Ave. and Beaver St. $1,000,000.

Md., Baltimore—CHURCH and HALL—June 17, by Palmer, Willis & Lamdin, archts., 513 North Charles St., 1 story and basement, 70 x 207 ft., stone, Lakewood Ave. and O'Donnell St., for St. Casimirs Roman Catholic Church, B. Przemielewski, pastor, Kenwood and O'Donnell Sts. $160,000.

Ala., Birmingham—LIBRARY—July 1, by City Comn., 4 story 100x150 ft., rein.-con. and stone, Park Ave. $850,000. Miller & Martin, Little Bldg., archts.

O., Cleveland Heights (Warrensville P. O.)—CHURCH—June 22, by H. W. Maurer, archt., 1991 East 66th St., Cleveland, 1 story, brick, steel and concrete, Caledonia St., here, for Church of the Cross, A. L. Marting, pastor, Berea. $150,000. Noted May 21.

Mich., Port Huron—SCHOOL—June 16, by Donaldson & Meier, archts., 1314 Penobscot Bldg., Detroit, 2 story and basement, 119 x 193 ft., rein.-con., brick, and steel, Erie St., here, for St. Stephens Parish, F. J. McCormick, pastor. $200,000.

Wis., Eau Claire—SCHOOL—June 25, by Bd. Educ., E. Schroeder, secy., 3 story and basement, 208 x 240 ft., brick, tile and concrete, plain foundation. $500,000. E. J. Hancock, Lacock Bldg., archt. Noted Jan. 29.

Minn., Fergus Falls—SCHOOL—June 30, by Bd. Educ., W. Lincoln, clk., 2 story and basement, rein.-con., brick and stone addition. $150,000. W. R. Dennis, Fergus Falls, archt. Noted Mar. 10.

Calif., Berkeley — UNIVERSITY — University of Southern California, taking bids 3 story and basement, 112 x 120 ft., brick, on University Ave. $150,000. J. and D. B. Parkinson, 420 Title Insurance Bldg., Los Angeles, archts. Noted June 4.

Calif., Los Angeles—HIGH SCHOOL—June 17, Bd. Educ., main building and shops, brick, concrete and stucco, Mount Vernon Junior High School site. $345,000. J. C. Austin & F. M. Ashley, Chamber of Commerce Bldg., archts.

BIDS RECEIVED

N. Y., Jamaica — SCHOOL — W. H. Gompert, supt. school buildings, Flatbush Ave. estimated and Concord St., Brooklyn, June 4, P. S. 131, 172nd St., here, from Willetts Constr. Co., 280 Madison Ave., New York City, for Bd. Educ., 500 Park Ave., New York City. $223,171. Noted May 28.

Ark., Little Rock—SCHOOL—Bd. Educ., general contract Pulaskia Heights Ward School, 3 story, brick and concrete, Lee and Oak Sts., from Stewart & McGehee, Kahn Bldg., $118,000; heating and plumbing, from Robinson Bros., Little Rock, $24,470.

Calif., San Francisco—SCHOOL—City and San Francisco Co., general contract for Douglas-Everett School, from Barrett & Hilp, 918 Harrison St., San Francisco, $241,548.

CONTRACTS AWARDED

Vt., Newport—SCHOOL—School Comn., 2 story and basement, 65 x 100 ft. brick, to C. W. Dwinnell, Orleans. Archts. est. $150,000.

Mass., Attleboro—SCHOOL—City School Comn., 2 story and basement, brick school, to A. F. Smiley Constr. Co., 308 Main St., Pawtucket, R. I. Archts. est. $150,000.

Mass., Cambridge—MUSEUM—Harvard University, Fogg Art Museum, 3 story, brick and steel, Quincy St., to Hegeman Harris, 360 Madison Ave., New York City. Archts. est. to exceed $150,000.

Mass., Fall River—CHURCH—St. John the Baptist Church, 1 story and basement, brick and stone, Field and Stafford Sts., to C. H. Hodgate Co., 310 Belmont St. Archts. est. $150,000.

Mass., New Bedford—CHURCH—Howard Methodist Episcopal Church, Kempton St., 2 story and basement, 52 x 100 ft., rein.-con., brick and stone, Rockdale Ave., to H. C. Bailey, South Dartmouth. Archts. est. $150,000.

Mass., Worcester — SCHOOL — City, 5 story and basement, 52 x 150 ft., brick and limestone addition to boys trade school, Prescott St., to E. P. Pitfield Co., 405 Main St., Worcester. Archts. est. $250,000. Noted June 4.

Pa., Phila. — SCHOOL — Most Blessed Sacrament Roman Catholic Church, J. T. Higgins, 56th and Chester Sts., 4 story and basement, 67 x 87 ft., limestone addition, plain foundation, 56th and Chester Sts., to M. Melody & Son, 1322 Race St. Archts. est. $200,000.

Pa., Phila.—SCHOOL—P. A. Monaghan, archt., 1713 Sansom St., 3 story and basement, 63 x 143 ft., brick and steel, plain foundation, 64th and Buist Sts., to McCloskey Co., 1620 Thompson St., for St. Barnabas Roman Catholic Church, J. E. Dougherty, pastor. Archts. est. $150,000. Noted May 21.

O., Canton—SCHOOL—Bd. Educ., 2 story brick, steel and concrete addition to Gibbs Ave. school, to H. D. Walker, Canton, $152,864. Noted May 21.

O., Cincinnati—CHURCH—St. Boniface Church, Northside, 2 story and basement, 58 x 151 ft., rein.-con., brick and stone, Chase Ave., concrete work, to R. Harig Constr. Co., 2174 Western Ave.; stone and brick work, to H. Meirose & Son, Haight St.; carpentry work, to H. Berns, North Bend Rd. Total $300,000.

O., Cleveland—CHURCH—E. T. P. Graham, archts., Newbury St., Boston, Mass., and F. S. Fisk, associated archt., 6007 Euclid Ave., 1 story and basement, 102 x 186 ft., Lorain Ave., to J. Grant & Son, 4500 Euclid Ave., for St. Ignatius Roman Catholic Church, T. A. Hanrahan, pastor, 10205 Lorain Ave. Archts. est. $400,000.

O., Cleveland — SYNAGOGUE — Chevas Jerusalem Congregation, H. F. Epstein, rabbi, 2297 East 89th St., 2 story and basement, 50x175 ft., brick and steel, Parkwood Dr., to I. and B. Dolinsky, 6317 Kinsman Rd. Archts. est. $150,000. Noted May 21.

O., Cleveland Heights (Warrensville P. O.)—SCHOOL— Bd. Educ., W. Nesbit, dir. 1781 Lee Rd., 2 story, 33 x 179 ft., brick, steel and timber, Noble Rd., to A. A. Lane Constr. Co., 1869 East 55th St., Cleveland, $123,086. Archts. est. $160,000. Noted June 4.

O., Lima—HIGH SCHOOL—Bd. Educ., Centralized High School 2 story and basement, in Allen Co., Shawnee Twp., to Laudenbeck & Son, Sidney, $144,217. Noted May 7.

O., South Charleston—HIGH SCHOOL—Bd. Educ., 2 story and basement, rein.-con. and brick, to Chappelear & Gardner, Portsmouth, $111,249. Noted Apr. 23.

Ill., Joliet — HIGH SCHOOL — Chicago Diocese Catholic Church, c/o Archbishop.

Buildings—Educational, Religious
(Continued)

Chicago, 3 story, 120 x 223 ft., rein.-con., brick and stone, De La Salle St., here, to Kaiser-Ducett Co., 605 Joliet St.

Ia., Marengo — SCHOOL — Bd. Educ., 2 story and part basement, 140 x 140 ft., brick and concrete school, general contract, to Paulson Constr. Co., 347 Granby Rd., Cedar Rapids, $117,695; heating and plumbing, to T. Rinehart, La Mars, $26,540. Noted May 21.

Minn., Minneapolis — SCHOOL — Bd. Educ., City Hall, general contract for rein.-con. and brick school addition, Spruce Pl. and 14th St., to Madsen Bros., 548 Builders Exch. Bldg., and Madsen & Simonsen, 2817 Lyndale Ave S., $83,480. Noted May 21.

Mo., St. Louis—LIBRARY—St. Louis Medical Society, 3531 Pine St., 2 story and basement, 59 x 120 ft., rein.-con., brick and stone, Lindell Blvd., to Dickie Constr. Co., Syndicate Bldg. Archts. est. $165,000. Noted Jan. 29.

Tex., Houston — HIGH SCHOOL — Bd. Educ., c/o H. L. Mills, bus. mgr., 1600 Washington Ave., Montrose Junior High School, 3 story, brick, stone and steel, Woodhead St. and Westheimer Rd., to J. T. Taylor, Burk Burnett Bldg., Fort Worth, $381,550. Noted June 4.

Calif., Compton—ADMINISTRATION—Compton Union High School Dist., 2 story and basement, 188 x 220 ft., brick high school, to J. A. Hill Constr. Co., 1749 West 33rd St., Los Angeles, $265,900. This corrects report in June 4 issue.

Calif., Sacramento—COLLEGE—Sacramento Junior College Dist., general contract group of buildings, to W. Kearing, Forum Bldg., $299,900; plumbing to Hately & Hateley, Mitau Bldg., $25,854.

Federal Government Work

PROPOSED WORK

N. Y., Brooklyn—Quarters—Spec. 4937—Bureau Yards & Docks, Navy Dept., Wash., D. C., soon takes bids officers' quarters, at Naval Hospital, here.

D. C., Wash.—Quarters—Spec. 5087—Bureau Yards & Docks, Navy Dept., soon takes bids extending nurses quarters, here.

BIDS DESIRED

N. Y., Brooklyn—Trusses—June 22, by Quartermaster Supply Officer, Army Supply Base, 1st Ave. and 59th St., steel trusses; adv. E. N.-R. June 11.

N. J., Lakehurst—Garage—Spec. 5124—June 17, by Bureau Yards & Docks, Navy Dept., Wash., D. C., steel garage at Naval Air Sta., here.

N. J., Oceanport—Quarters—June 18, at office Constructing Quartermaster, Camp Alfred Vail, 1 officers quarters; adv. E. N.-R. June 11.

Pa., Franklin—Post Office—July 10, by Treas. Dept. at office Supervising Archt., Wash., D. C., 1 story, brick and stone post office, here; adv. E. N.-R. June 11.

Md., Annapolis—Waterworks—Spec. 5119—June 22, by Bureau Yards & Docks, Navy Dept., Wash., D. C., 80,000 gal. rein.-con. reservoir, and piping, etc. at Naval Academy, here; adv. E. N.-R. June 11.

Va., Quantico—Coal Bins—Spec. 5085—June 22, by Bureau Yards & Docks, Navy Dept., Wash., D. C., elevated timber coal storage bins, railroad trestles, etc., here.

W. Va., Clarksburg—Post Office—July 7, by Treas. Dept. at office Supervising Archt., Wash., D. C., remodeling Post Office here; adv. E. N.-R. June 11.

S. C., Columbia—Post Office—June 24, by Treas. Dept. at office Supervising Archt., Wash., D. C., addition to post office, here; adv. E. N.-R. June 11.

Ala., Florence—Crane—July 20, by U. S. Engineer Office, Gantry Crane on spillway section of Wilson Dam; adv. E. N.-R. June 11.

Fla., Pensacola—Storage Tanks—June 22 by Bureau Yards & Docks, Navy Dept., Wash., D. C., two 90,000 gal. steel storage tanks, pumphouse, piping, etc., here.

Mich., Saginaw—Remodeling—July 6, by Treas. Dept. at office J. A. Wetmore, acting supervising archt., Wash., D. C., remodeling and extending post office, here.

Ark., Camden—Post Office—July 8, by Treas. Dept. at office Supervising Archt., Wash., D. C., remodeling and enlarging post office, here.

Ark., Hot Springs — Mess Hall and Library—June 11, by Constructing Quartermaster, Army and Navy General Hospital, additions to mess hall and library building, etc.

New Mexico—Road—June 19, by E. S. Wheeler, dist. engr. Bureau Pub. Rds., 242 West Washington St., Phoenix, Ariz., grading, crushed rock or crushed gravel surfacing, etc., 5.293 mi. Saliz Canyon-San Francisco River Sect. of Datil-Reserve Dry Creek Natl. Forest Rd., Catron Co., here.

N. M., Fort Bayard—Roads—June 30, by U. S. Veterans Bureau, Wash., D. C., constructing roads at U. S. Veterans Hospital, here.

California — Road — June 16, by C. H. Sweetser, dist. engr. Bureau Pub. Rds., 9 Main St., San Francisco, grading, crushed rock surfacing, etc. 3.71 mi. Yuba Pass Extension Forest Rd., Sierra Co.

P. R., San Juan—June 15, by Eng. Dept. War Dept., Room 616 Armory Bldg., New York City, reconstructing section of wall at San Augustine Battery, here.

BIDS RECEIVED

Miss., Brunswick — Levee Work — Third Mississippi River Dist., P. O. Box 404, Vicksburg, 500,000 cu.yd. in completing Peelers New Levee Stations 150-250, in Lower Yazoo Levee Dist., here, from Rodgers, Denison & Brown, 62 South Front St., Memphis, Tenn., $0.18 per cu.yd. Noted May 7.

Miss., Vicksburg — Levee Work — Third Mississippi River Dist., P. O. Box 404, from G. H. and W. T. Lowrance, Memphis, Tenn., 600,000 cu.yd. levee work in Lower Leland set over and enlargement $0.229, 300,000 cu.yd. Bunches Bend enlargement $0.269, 600,000 cu.yd. Hollybrook Point Lookout enlargement Sta., 1770-1803 and Stas. 1853-2030 $0.237. Noted May 7.

Mo., St. Louis—Towboat—U. S. Engineer Office, War Dept., Wash., D. C., 100 ft. steel hull Diesel electric towboat, here, from Howard Shipyards & Dock Co., Jeffersonville, Ind., $124,000. Noted Apr. 23.

Colorado — Road — Bureau Pub. Rds., Custom House Bldg., Denver, grading 5.18 mi. Sugar Creek-West Creek Natl. Forest Rd., Douglas Co., from Shields & Kyle, Pagosa Springs, unclassified $43,910; from K. V. Johnson, Dover Hotel, classified $48,013.

California—Bridge—C. H. Sweetser, dist. engr. U. S. Bureau Pub. Rds., 9 Main St., San Francisco, Donner Summit Bridge, on Auburn Truckee State Highway, from C. C. Gildersleeve, 1503 Ferger Ave., Fresno, $26,359. May 21.

Calif., Mare Island—Paving—Spec. 5092—Bureau Yards & Docks, Navy Dept., Wash., D. C., asphalt paving, here, from Associated Constr. Co., 112 Market St., San Francisco, (1) $12,000 (2) $400 (3) $10,500 (4) $2,000 (5) $3,500.

CONTRACTS AWARDED

R. I., Melville—Chimney—Spec. 5101—Bureau Yards & Docks Navy Dept., Wash., D. C., radial brick chimney, here, to A. Custodis Chimney Constr. Co., 95 Nassau St., New York City, $3,700 (90 days). Noted May 28.

D. C., Wash.—Dredge—U. S. Engineer Office, War Dept., constructing hopper dredge Willets Point, to Federal Ship & Dry Dock Co., 26 Beaver St., New York City, $541,700.

Miss., Brunswick—Levee Work—Third Mississippi River Dist., P. O. Box 404, Vicksburg, 100,000 cu.yd. below Eagle Pass, Lower Yazoo Levee Dist., here, to Rodgers, Denison & Brown, 62 South Front St., Memphis, Tenn., $0.178 per cu.yd. Noted May 7.

Miss., Vicksburg—Levee Work—Mississippi River Comn., 240,000 cu.yd. Black Bayou enlargement, to R. P. Harris, Lake Cormorant, $0.35 per cu.yd. 94,000 cu.yd. Ashbrook Neck Dike enlargement, to W. Owens Co., Jackson, $0.48; 120,000 cu.yd. Lake Levee and 250,000 cu.yd. Poverty Point, to Rodgers, Denison & Brown, 62 South Front St., Memphis, Tenn., $0.224 and $0.264 respectively.

Mich., Detroit — Dike — U. S. Engineer Office, Wash., D. C., repairing center dike, St. Clair Flats Canal, here, to Candler Dock & Dredge Co., 8145 Medina Ave., $13,407. Noted Apr. 30.

Minn., Duluth—Breakwater—U. S. Engineer Office, Wash., D. C., breakwater repair work, here, to T. L. Durocker Co., Detour, Mich., $10,325. Noted Apr. 23.

Mo., Fayette—Post Office—Treas. Dept. at office Supervising Archt., Wash., D. C., post office, here, to C. Weitz Sons, Des Moines, Ia., $43,745. Noted May 28.

Colorado—Road—Bureau Pub. Rds., 301 Custom House Bldg., Denver, grading 5.1 mi. Cumbres Pass Natl. Forest Rd., Conejos Co., to W. A. Colt & Son, Las Animas, $34,-394. Noted May 21.

Wash., Aberdeen — Post Office — Treas. Dept. at office Supervising Archt., Wash., D. C., post office changes, here, to Acme Constr. Co., 6122 Arcade Bldg., Seattle, $3,460.

Calif., Oakland—Dredging—U. S. Engineer Office, War Dept., Wash., D. C., dredging in harbor, here, to Amer. Dredging Co., 255 California Ave., San Francisco, $354,-614. Noted May 7.

Calif., San Luis Obispo — Post Office — Treas. Dept. at office Supervising Archt., Wash., D. C., constructing post office, here, to R. E. Campbell, 302 East Anaheim St., Long Beach, $48,842. Noted May 28.

FEDERAL POWER COMMISSION

Applications for Licenses and Permits

Applications

595—Southern Sierras Power Co., Riverside, Calif.—Wants license for 4 storage reservoirs on North and Middle Forks Bishop Creek, Inyo Co.

598—Southern Power & Light Co., Pine Bluff, Ark. — Wants preliminary permit water power development in Tennessee River, Lauderdale and Colbert Counties, Ala., in region of Waterloo and Riverton.

599 — Fern Gold Mining Co., Spokane, Wash.—Wants license for 2 small dams with power appurtenances in Archangel Creek, Alaska, 47 mi. from Anchorage.

600—Central Missouri Power & Water Co., 7th floor Interstate Bldg., Kansas City, Mo.—Wants preliminary permit for water power development in Gasconade River just below Project 450, Pulaski and Phelps Counties.

601—Utah Power & Light Co., Kearns Bldg., Salt Lake City, Utah—Wants license for Grace-Soda transmission line, in Caribou and Banneck Counties, Idaho.

602 — Roanoke — Staunton River Power Co., Roanoke, Va. — Wants preliminary permit for water power development in Roanoke River incl. dams at Lynville Ford, 2 mi. above Derrwood Ford, and 2 mi. above Anthonys Ford, in Roanoke, Bedford, Campbell, Franklin, and Pittsylvania Counties, Va.

604—Kentucky Hydro-Electric Co., Louisville, Ky.—Wants preliminary permit for power development in North Fork of Kentucky River, about 1 mi. upstream from Airdale, in Lee, Wolff, and Breathitt Counties.

605 — C. A. Harvey, Reedsport, Ore. — Wants license for 18 ft. dam with power appurtenances in tributary of Umpqua River, Douglas Co.

Unclassified

PROPOSED WORK

Playground — Cambridge, Mass. — City Council plans playground in Ward 3, vicinity of Bway. $25,000 or more. Engineer not selected.

Stadium — Lynn, Mass. — City, H. A. Mephetres, chn. building com., City Hall, plans stadium. Engineer and architect not selected.

Swimming Pool—Providence, R. I.—See "Buildings—Educational, Religious."

Elimination of Grade Crossing—Buffalo, N. Y.—City made plans eliminating grade crossing at Clinton St. and Delaware, Lackawanna & Western R.R. $200,000. G. H. Norton, 1036 Ellicott Sq. Bldg., engr.

Wall—Shreveport, La.—City, c/o S. G. Wolfe, secy., soon takes bids rein.-con. wall along Dixie Overland Blvd., 225 yd. long, 4 to 10 ft. high. $25,000.

Hydro-Electric Development — Mason Wis.—W. N. Albertson & Co., 425 East Water St., Milwaukee, making preliminary plans 200 ft. concrete dam in White River, new concrete building to house equipment, incl. 1 additional water wheel, also approximately 50 mi. pole transmission line, etc. To exceed $25,000. Private plans.

Subway — Chariton, Ia. — City and Chicago, Burlington & Quincy R.R. 547 West Jackson Blvd., Chicago, A. W. Newton, ch. engr., plans subway to carry West Court Ave. under railroad track $50,000.

Gas Mains—Duluth, Minn.—See "Waterworks."

Tanks Amarillo, Tex.—Amarillo Refining Co., soon takes bids 55,000 gal. storage tanks, steel. $125,000. Private plans.

Land Development—Dallas, Tex.—M. B. Freeman, c/o Koch & Fowler, engrs., Central Bank Bldg., making plans developing 400 acres between Midway and Preston Rds. into residential district, incl. street paving, waterworks, sewers, gas and electric lights, etc. $75,000.

Diesel Engine Generator Unit—Cherokee, Okla.—Voted $35,000 bonds, new 400 hp. Diesel engine generator unit for city light plant. A. J. Titus, mayor.

BIDS DESIRED

Subway—New York, N. Y.—June 19, by Bd. Transportation, 49 Lafayette St., constructing Route 78, Sect. 2A from 101st to 111th Sts.

Sanitary Work—Wingdale, N. Y.—June 24, by State Hospital Comn., Albany, sanitary work in Buildings A and B, Harlem Valley State Hospital, here. S. W. Jones, Albany, state archt.; adv. E. N.-R. June 11.

Unclassified (Continued)

Stadium—Phila., Pa.—June 12, by Day & Klauder, archts., Franklin Bank Bldg., rein.-con. double decking present stadium, 33rd and Spruce Sts., for University of Pennsylvania, 34th and Spruce Sts., P. M. Wilson, chn. grounds and buildings.

Overhead Crossing — Inverness, Fla. — June 17, at office State Rd. Dept., Tallahassee, 94 ft. creosoted timber overhead crossing over Sea Broad Air Line R.R., on Project 625, Rd. 5, Citrus Co., north of here. J. L. Cresap, highway engr.

Tainter Gates—Peshtigo, Wis.—Mead & Seastone, engrs., Journal Bldg., Madison, taking bids four 6 x 20 ft. steel tainter gates, turbine and generator for hydro-electric plant, here, for Wisconsin Pub. Serv. Co., 559 Marshall St., Milwaukee.

Causeway — Dallas, Tex. — June 19, by Bd. City Comrs., 7,200 ft. causeway across Garza Reservoir basin at Fish Trap Crossing of Trinity River, near Mingo Station, incl. 100 ft. steel span bridge with 18 ft. roadway, 135 lin.ft. creosoted pile trestle approaches, 5,945 lin.ft. earth embankment 10 ft. high, etc. Nagle & Thompson, 2003½ Main St., engrs. Noted May 21.

Grain Elevator—Houston, Tex.—June 17, by J. S. Metcalf Co., associated engrs., 608 South La Salle St., Chicago, Ill., 62 x 144 ft. grain elevator, 194 ft. high, rein.-con. and steel, with rein.-con. bins 17 ft. diam., 99 ft. high, conveyors, loading chutes, etc., at Turning Basin Dist., for Navigation Dist., c/o H. L. Washburn, aud. Houston Co. $1,000,000. J. A. Schiller, Court House, engr. Noted Jan. 22.

Pier—Burlington, Ont.—June 16, by S. E. O'Brien, secy. Dept. Pub. Wks., Ottawa, reconstructing 190 ft. of south pier, Burlington Channel, here. $100,000.

BIDS RECEIVED

Pier — Brooklyn, N. Y. — M. Cosgrove, comr. Dept. Docks, Pier A, Battery Pl., New York City, June 4, concrete pile platform, wooden sheet pile bunking, dredging and filling for Canarsie Pier, Jamaica Bay, here, from A. M. Hazell, Inc., 26 Cortlandt St., New York City, $487,269. Noted May 28.

Underground Cable—Brooklyn, N. Y.—R. E. Enright, police comr., Bookkeepers Office, 240 Centre St., June 4, installing underground cable, from J. Sugden Co., 100 5th Ave., New York City, $26,055. Noted June 4.

Cable—New York, N. Y.—E. E. Mills, comr. Plants & Structures, Municipal Bldg., June 4, lead covered cable along Varrick St., etc., from J. Sugden Co., 100 5th Ave., $14,748. Noted June 4.

Special Work — New York, N. Y. — Bd. Transportation, 49 Lafayette St., special work (Order 27) for Westchester Ave. Yard, from Ramapo Ajax Corp., 30 Church St., $30,986. Noted May 28.

Swimming Pool—Phila., Pa.—Pub. Wks., Bureau Recreation, 105 x 120 ft., rein.-con. pool, lockers and 35 x 90 ft. shelter pool, 16th and Ruffner Sts., from McCormick-Lenham Co., 2403 South Broad St. $35,985.

CONTRACTS AWARDED

Station Finish—New York, N. Y.—Bd. Transportation, 49 Lafayette St., station finish at 5th Ave. Sta., to Werner-Mitchell Co., 1 DeKalb Ave., Brooklyn, $118,500. Noted June 4.

Sea Wall—Gulfport, Miss.—Bd. Supervs. Harrison Co., 13 mi. concrete seawall along gulf coast, to Wood Bros. Constr. Co., Lincoln, Neb., $1,947,175. Noted June 4.

Swimming Pool — Cleveland, O. — See "Buildings—Commercial."

Curing Vats — Cudahy, Wis. — Cudahy Bros. Co., Packard Ave., concrete curing vats, to Siderits Constr. Co., 1591 2nd St., Milwaukee. Engrs. est. $40,000.

Land Development—Dallas, Tex.—S. A. Temple, 1301 Main St., developing 40 acres into high class residential district, incl. construction sidewalks, curbs and gutters, to E. H. Thompson, 1127 Kings Highway, $125,000.

Electric Transmission Line—Oklahoma—Oklahoma Gas & Electric Co., 112 North Bway., making surveys high voltage transmission line from Norman to Pauls Valley via Purcell. $45,000. Work will be done by day labor. Byllesby Eng. Co., 231 South Lansing St., Chicago, Ill., engrs.

Transmission Line — Oklahoma — J. D. Bonford, engr., Elk City, transmission line from Leedey to Elk City, to Inland Utilities Co., Elk City, for City of Leedey. $24,956. Noted May 7.

Gas Distribution System—Mangum, Okla.—City, natural gas distribution system, incl. 40,000 lin.ft. 4 in. steel pipe, to D. R. Williams, Mangum, $83,000. Engrs. est. $85,000. Noted May 7.

Street Lighting System—Oakland, Calif.—City Council, ornamental lighting system around Lake Merritt, to Central Electric Co., 179 Minna St., San Francisco, $64,500. Noted May 21.

Stadium and Baseball Diamond — Palo Alto, Calif. — Stanford University excavating and constructing additional 10,200 wooden seats, and constructing baseball diamond, to Palmer & McBryde, 503 Market St., San Francisco, $200,000. Noted Apr. 9.

Street Lighting System—Redondo Beach Calif.—Ornamental street lighting system on portions of Opal, Beryl Sts., etc., to Underground Constr. Co., 517 South Bway., Pasadena, $74,775. Noted May 21.

Subway—Toronto, Ont.—B. Ripley, dist. engr. Canadian Pacific Ry., New Union Sta., subway under Canadian Pacific Ry. and Canadian Natl. Ry. tracks at Royce Ave. and Dundas St., for City, Canadian Pacific and Canadian Natl. Rys., New Union Sta., general contract to Dufferin Constr. Co., foot Bathurst St.; structural steel, to Canadian Bridge Co., Walkerville. Engrs. total est. $900,000.

Ornamental Light Standards—Vancouver, B. C. — City will install new single c.i. ornamental light standards in business section, by day labor. $190,000. C. H. Fletcher, city engr.

Grain Elevators—Regina, Sask.—Saskatchewan Pool Elevators Ltd., Union Bank Bldg., 15 grain elevators, to Harper Constr. Co., Winnipeg, Man., and 12 grain elevators, to Knudtson & Son, Regina. Noted Apr. 23.

Materials

BIDS DESIRED

Lime and Brick—Providence, R. I.—June 15, by Bd. Contract & Supply, 175 tons hydrated lime and 400,000 hard body brick.

Drain Tile—Detroit, Mich.—June 24, by E. Denniston, supt. House of Correction, 1441 Alfred St., 240,000 pieces 4 in., 8,000 pieces 8 in., 5,000 pieces 12 in., 15,000 pieces 6 in. and 1,500 pieces 10 in. drain tile, etc., f.o.b. siding at farm near Plymouth.

CONTRACTS AWARDED

Gravel, etc. — Grundy Center, Ia. — See "Streets and Roads."

OFFICIAL PROPOSALS

OFFICIAL PROPOSALS

Bids: June 29.

Water Works Improvements

Ronceverte, W. Va.

Sealed proposals will be received by the City of Ronceverte, W. Va., at the office of the City Clerk up to 4 P.M., June 29, and then publicly opened and read, for the following water works improvements:

Filter plant having a capacity of 500,000 gallons per 24 hours and consisting of concrete intake, 4-hour settling basin, two filter units, piping, and electric pump room, 36,000 gal. filtered water well, and brick superstructure.

Furnishing and installing filter piping, and equipment; changing present high pressure electric centrifugal pumps to new plant; piping pumps and intake, and electric wiring.

Furnishing two raw water centrifugal pumps, 350 g.p.m. each against a total head of 25 ft. direct connected to 5 hp. electric motors, 220 volts a.c. with starters.

Relining and enlarging with concrete the old concrete reservoir to give a capacity of 250,000 gallons.

All bids must be accompanied by a certified check for not less than five per cent of the amount of bid drawn to the order of City of Ronceverte, W. Va. Checks of unsuccessful bidders will be returned within two weeks after bids have been opened and read.

An approved contract bond in a sum equal to one-half the amount of the contract will be required of each contractor, except in the case of contract to furnish the raw water pumps by manufacturer.

The right is reserved to reject any or all bids or to award contracts separately for each of the four above named items or all to one contractor.

All bids must be addressed to the City Clerk, Ronceverte, W. Va., and sealed and marked plainly on outside of envelope "Bids on Water Works Improvements."

Specifications and plans may be seen at the office of the City Clerk on and after June 15 or may be obtained after that date from the engineer upon the receipt of $5.00 which is the estimated cost of making up and mailing the extra copies. No charge will be made for specifications and bidding form for furnishing pumps.

A. S. WOODHOUSE, City Clerk,
Ronceverte, W. Va.

H. K. BELL, Engineer,
418 Hernando Building,
Lexington, Ky.

OFFICIAL PROPOSALS

Bids: June 22.

Bridges

STATE OF NEW JERSEY
STATE HIGHWAY COMMISSION
Trenton, N. J.

Notice is hereby given that sealed bids will be received by the State Highway Commission of New Jersey for the following:

Construction of two bridges on Route No. 2, Section No. 8, between Bridgeboro and Pensauken Creek, Burlington County.

Bridge at M. P. 5.7 over Pompeston Creek, having a twenty-two foot (22') encased I beam span and concrete abutments, for a 40' clear roadway.

Bridge at M. P. 7.3 over Swedes Run, having a fifteen foot (15') concrete slab span on concrete abutments, for a 40' clear roadway.

Bids for the above will be received at the office of the State Highway Commission, 9th floor, Broad Street Bank Building, Trenton, New Jersey, on Monday, June 22, 1925, at eleven o'clock (11:00 a.m.) Standard Time, and will be opened and read immediately thereafter.

Drawings, specifications and form of bid, contract and bond for the proposed work are on file in the office of the State Highway Department, Trenton, New Jersey, and may be inspected by prospective bidders. Plans will be furnished on a deposit of Ten Dollars ($10) upon application to the State Highway Department, Room 901, Broad Street Bank Building, Trenton, New Jersey. Bids must be made on the standard proposal forms in the manner designated in the 1924 specifications and must be enclosed in sealed special addressed envelopes bearing the name and address of the bidder and the name and section of route on the outside, and must be accompanied by a certified check drawn to the order of the Treasurer of the State of New Jersey for not less than ten per cent (10%) of the amount of the bid, provided that the said certified check shall not be less than $500.00 nor more than $20,000.00, and be delivered at the above place on or before the hour named. Copies of the standard proposal form and special addressed envelopes will be furnished on application. Bids not enclosed in special addressed envelopes will be considered informal and will not be opened.

Each bidder must accompany his bid with a certificate from a surety company duly authorized to do business in this State, stating that such surety company will provide said bidder with a bond in such sum as is required in and in accordance with the provisions of the said specifications, conditioned for the faithful performance of the provisions of the contract and specifications. Each bidder must also accompany his bid with a Statement of Equipment properly filled out.

By order of the State Highway Commission.

A. LEE GROVER,
Secretary.

(Continued on following page)

OFFICIAL PROPOSALS

OFFICIAL PROPOSALS

(Continued from preceding page.)

Bids: July 2.

Bridge Re-construction

North Adams, Mass.

Notice is hereby given that sealed proposals will be received by the Commissioner of Public Works, in the City Hall, North Adams, Massachusetts, for the Reconstruction of the Holden Street Bridge, on the 2nd of July, 1925, at Two o'clock Advanced Standard Time, which is One o'clock Eastern Standard time.

The Bridge has an overall length of about 66 feet, and a width of 37 feet. It consists of a steel plate girder encased in reinforced concrete, and contains approximately:

145,000 pounds of Structural Steel;
24,000 pounds of Steel Rods;
372 Cubic Yards of Concrete;
1,044 Square Feet of Concrete Sidewalk;
260 Cubic Yards of Excavation.

Maps, plans and specifications may be seen and obtained, and proposal forms obtained on and after Tuesday, June 16, 1925, at the office of the Commissioner of Public Works, in the City of North Adams, Massachusetts; and at the office of the Consulting Engineer, G. Saxton Thompson, Room 7, 257 Broadway, Troy, New York, on the Deposit of Five Dollars ($5.00), which amount will be refunded upon the return of the plans and specifications in good condition.

The special attention of bidders is called to the "Information to Contractors" and "Information to Bidders" in the specifications.

Each proposal must be accompanied by cash, draft, or certified check, payable to the order of the Treasurer of the City of North Adams, for an amount equal to at least five (5) per cent of the amount of the proposal. In case this proposal shall be accepted by the Commissioner of Public Works, North Adams, Massachusetts, and the bidder shall fail to execute the contract and in all respects comply with all local ordinances or laws, then the Commissioner of Public Works may cash said check and deduct from the proceeds thereof or the said sum of money, an amount equivalent to the difference between the price of the bidder's proposal and the amount of the final contract; and upon further understanding that the said certified check or voucher will be returned upon the rejection of the bid.

The successful bidder will be required to execute a bond in an amount equal to the contract price with sufficient sureties, to be approved by the Commissioner of Public Works of the City of North Adams, and to execute the contract within ten (10) days after the award.

The City of North Adams reserves the right to reject any or all bids.

Subject to approval of Department of Highways.

EOLUS R. DOBLE,
Commissioner of Public Works.
North Adams, Massachusetts.
June 10, 1925.

Bids: July 6.

Subway Construction for Highway

STATE OF NEW JERSEY
STATE HIGHWAY COMMISSION
Trenton, N. J.

Contractors experienced in rock and earth excavation, the construction of bridges, retaining walls, and other structures of steel or masonry and/or reinforced concrete with necessary foundations, etc., street paving of concrete and granite block and in the other classes of work more particularly described in the plans, specifications and other documents and papers hereinafter referred to, are invited to tender bids on a unit price basis for the construction of the second section of the Highway known as Route No. 1 Extension, said section being situated between the New Jersey Junction Railway and Oakland Ave., in the City of Jersey City, N. J., a length of about 1,600 feet.

The work is to be done under the direction of the State Highway Commission and the State Highway Engineer, and in accordance with the provisions of Chapter 14, Laws of 1917, Chapter 253, Laws of 1922, and all Laws amendatory thereof or supplemental thereto.

The work contemplated under this contract includes briefly the following:

The clearing of the site of the work, including the demolishing of buildings as may be required.

The excavation for and the construction of a depressed roadway, surface streets, pavements, etc.

The relocation and reconstruction of subsurface structures such as sewers, water pipes, etc., etc.

Relocation of street railway tracks, poles, wires, etc.

The maintenance of Hoboken Avenue and adjacent streets and the street railway tracks within the area affected by the work, in such a manner that traffic can be maintained over them in a satisfactory manner.

Attention is called to the relation of this proposed work to the tracks of the Erie R.R., and other adjacent properties, and the contractor's responsibility for protecting these from the effects of blasting and other damages, incident to the consruction.

The principal items of work to be done and the approximate quantities of some of them are:

Excavation, earth and rock, 78,000 cu.yds.
Concrete, 11,500 cu.yds.
Structural and other steel, 1,700 tons.
Asphalt Paving, 8,000 sq.yds.
Reconstruction of sub-surface structures.

The plans and specifications, form of proposal, contract and bond are on file at the office of the State Highway Commission of New Jersey, Trenton, New Jersey. Copies can be obtained at the office of the Commission at Trenton, or at the office of the Engineer at 921 Bergen Avenue, Jersey City. A deposit of Fifty Dollars ($50.00) will be required by the State Highway Commission of New Jersey for each set of plans and specifications furnished. The whole amount of such deposit will be refunded on the return of the plans and specifications in good condition to the State Highway Commission on or before July 6th, 1925.

Bids for this work will be received at the office of the State Highway Commission, 9th Floor, Broad Street Bank Building, Trenton, New Jersey, on Monday, July 6th, 1925, at eleven o'clock—11:00 a.m., Standard Time, (12 o'clock—noon, daylight saving time), and will be opened and read immediately thereafter.

Bids must be made on the form of proposal attached to the form of Contract, copy of which will be furnished by the Commission, and must be enclosed in sealed special addressed envelopes, which also will be furnished, bearing the name and address of the bidder and plainly marked "Proposal for the Construction of Section 2, Route No. 1 Extension," and a certified check made payable to the order of the Treasurer of the State of New Jersey, for the sum of Fifty Thousand ($50,000.00) must accompany each bid, said check to be returned to the unaccepted bidders on award of the contract, and to the accepted bidder on his signing the contract and furnishing the bond.

If the accepted bidder fails to execute and deliver the contract and bond within the time specified, the check shall become the absolute property of the State of New Jersey.

Each bidder must accompany his bid with a certificate from a surety company or surety companies duly authorized to do business in the State of New Jersey and satisfactory to the State Highway Commission of New Jersey, stating that if the bidder is awarded the contract such surety company or companies will provide the bidder with a guaranty bond or bonds for a sum equal to the total amount of the bid.

The State Highway Commission of New Jersey reserves the right to reject any or all bids.

By order of the State Highway Commission.

A. LEE GROVER,
Secretary.

OFFICIAL PROPOSALS

Bids: June 22.

Valves

BUREAU OF WATER
DEPARTMENT OF PUBLIC SAFETY
Lancaster, Pa.

SEALED proposals addressed to the Bureau of Water, Department of Public Safety, will be received at the Office of the City Controller, City Hall, Lancaster, Pa., until Twelve O'Clock Noon, Monday, June 22nd, 1925, for furnishing as follows:

VALVES

Two (2) 24-inch Altitude Valves, for use in connection with two Standpipes, one Standpipe being 105 feet high and the other 77 feet high, altitude valves to control height of water in the Standpipes.

Three (3) 24-inch Hand Operated, Back Geared Gate Valves. Two Bell Type with Graduated Scale showing degree of gate opening.

Three (3) 24-inch Electrically Operated Gate Valves, 110 Volt or 220 A.C. 60 Cycle Current. Two Bell Type with Graduated Scale showing degree of gate opening.

Three (3) 24-inch Hydraulically Operated Gate Valves. Two Bell Type. Pressure available is 25 pounds.

One (1) 24-inch Ninety (90°) Degree Elbow with Base. Two Bell for 125 lb. Pressure.

The Bureau of Water Reserves the right to reject any and all bids.

SIMON SHISSLER,
City Controller.

Bids: June 29.

Construction, Heating, etc.

MATTEAWAN STATE HOSPITAL
Beacon, N. Y.

Sealed proposals for Construction, Heating, Sanitary and Electric Work, Hospital Building and Kitchen and Dining Room Building (New Group) and Addition to Main Group, Matteawan State Hospital, Beacon, N. Y., will be received by Hon. James L. Long, Superintendent of Prisons, Capitol, Albany, N. Y., until 2 o'clock, P.M. (Eastern Standard Time), Monday, June 29th, 1925, when they will be publicly opened and read. Proposals shall be enclosed in an envelope furnished by the State Architect, sealed and addressed, and shall be accompanied by a deposit as a guarantee that bidder will enter into the contract if awarded same. Deposit shall consist of a certified check drawn upon some legally incorporated bank in this State and made payable to the State of New York or money equal to 5% of the amount of proposal. The contractors to whom the awards are made will be required to furnish surety company bond in the sum of fifty per cent (50%) of the amount of contract within thirty days after official notice of award of contract and in accordance with the terms of Specifications Nos. 4549, 4550, 4551 and 4552. The right is reserved to reject any or all bids. Drawings and specifications may be examined at Matteawan State Hospital, Beacon, N. Y.; at the New York Office of the Department of Architecture, 18th floor, Flatiron Building, Broadway and 23rd St.; and at the Department of Architecture, Capitol, Albany, N. Y. Drawings, specifications and blank forms of proposal may be obtained by persons or firms engaged in the line of work required at the discretion of the Architect from the Department of Architecture, Capitol, Albany, N. Y., upon a deposit in the sum of $25.00 of money, or check made payable to the State of New York for each set of Construction drawings and specifications, and in the amount of $10.00 for each set of Heating, Sanitary or Electric drawings and specifications, which deposit will be returned if the drawings and specifications are received in good condition by the State Architect, Sullivan W. Jones, Capitol, Albany, N. Y.

Dated: June 1, 1925.